

Phone: (713) 864-8701
State District Offices

Senate Districts for the 2012 Elections

Senate District 4
Senate District 6
Senate District 15

Texas State Representatives

House District 23--Representative Craig Eiland
Capitol Office: CAP GW.5
Capitol Phone: (512) 463-0502
Capitol Address: P.O. Box 2910
Austin, TX 78768
District Address: 2211 The Strand
Galveston TX 77550
Phone: (409) 763-3260

House District 128--Representative Wayne Smith
Capitol Office: EXT E2.708
Capitol Phone: (512) 463-0733
Capitol Address: P.O. Box 2910
Austin, TX 78768
District Address: 909 Decker Drive,, Suite 104
Baytown TX 77520
Phone: (832) 556-2002

House Districts for the 2012 Elections

House District 23
House District 128
House District 144

Texas State Board of Education Members

SBOE District 4--Mr. Lawrence A. Allen, Jr.
State Board of Education Member Websites

SBOE District 7--Mr. David Bradley
State Board of Education Member Websites

SBOE Districts for the 2012 Elections

SBOE District 7
SBOE District 8



Who Represents Me? Districts By Address

U.S. Senators|U.S. Representatives|State Senators|State Representatives|SBOE
The address was matched by ZIP Code. Read cautions about matching addresses.

3439 Park St
Baytown, TX
77520
Harris

Texas U.S. Senators

U.S. Senators represent the entire state. Texas' current U.S. Senators are Senator John Cornyn and Senator Kay Bailey Hutchison. See their websites for current contact information.

Texas U.S. Representatives

Congressional District 2--Congressman Ted Poe
Texas Congressional Member Websites

Congressional District 14--Congressman Ron Paul
Texas Congressional Member Websites

Congressional District 29--Congressman Gene Green
Texas Congressional Member Websites

Congressional District for the 2012 Elections

Congressional District 36

Texas State Senators

Senate District 4--Senator Tommy Williams ✓
Capitol Office: CAP GE.7
Capitol Phone: (512) 463-0104
Capitol Address: P.O. Box 12068, Capitol Station
Austin, TX 78711
District Address: P. O. Box 8069
The Woodlands TX 77387
Phone: (281) 364-9426
State District Offices

Senate District 6--Senator Mario Gallegos
Capitol Office: EXT E1.804
Capitol Phone: (512) 463-0106
Capitol Address: P.O. Box 12068, Capitol Station
Austin, TX 78711
District Address: P.O. Box 41
Galena Park TX 77547
Phone: (713) 678-8600
State District Offices

Senate District 15--Senator John Whitmire
Capitol Office: CAP 1E.13
Capitol Phone: (512) 463-0115
Capitol Address: P.O. Box 12068, Capitol Station
Austin, TX 78711
District Address: 803 Yale Street
Houston TX 77007

Carolyn Thomas

From: ENotice
Sent: Friday, July 27, 2012 11:15 AM
To: Tommy.williams@senate.state.tx.us; Mario.gallegos@senate.state.tx.us;
lesley.nelson@senate.state.tx.us; John.whitmire@senate.state.tx.us;
Craig.estes@senate.state.tx.us; Wayne.smith@house.state.tx.us
Cc: Toni Oylar; Carolyn Thomas
Subject: TCEQ Notice Permit - O1610

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mrs. Jayme Sadlier with the Office of Air at 512-239-1683.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

Bryan W. Shaw, Ph.D., *Chairman*
Carlos Rubinstein, *Commissioner*
Toby Baker, *Commissioner*
Zak Covar, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

July 27, 2012

THE HONORABLE TOMMY WILLIAMS
THE HONORABLE MARIO GALLEGOS
THE HONORABLE JOHN WHITMIRE
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 18273
Permit Number: O1610
Rhodia Inc.
Baytown Plant
Baytown, Harris County
Regulated Entity Number: RN100211317
Customer Reference Number: CN600125330

Dear Senator Williams, Gallegos and Whitmire:

As required by the Texas Clean Air Act § 382.0516, as codified in the Texas Health and Safety Code, this letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <http://www.tceq.texas.gov/assets/public/hb610/index.html?lat=29.7475&lng=-95.001944&zoom=13&type=r>

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

The Honorable Tommy Williams
The Honorable Mario Gallegos
The Honorable John Whitmire
Page 2
July 27, 2012

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Wilson". The signature is written in a cursive style with a large initial "M".

Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

MPW/ct

Bryan W. Shaw, Ph.D., *Chairman*
Carlos Rubinstein, *Commissioner*
Toby Baker, *Commissioner*
Zak Covar, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Protecting Texas by Reducing and Preventing Pollution

July 27, 2012

THE HONORABLE CRAIG EILAND
THE HONORABLE WAYNE SMITH
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 18273
Permit Number: O1610
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Baytown Plant
Baytown, Harris County
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The Honorable Craig Eiland
The Honorable Wayne Smith
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Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

MPW/ct

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 3, 2016

MS ELAINE SIMPSON
VP OF HEALTH, SAFETY AND ENVIRONMENT
ECO SERVICES OPERATIONS CORP
300 LINDENWOOD DR
MALVERN PA 19355-1740

Re: Effective Permit Approval
Renewal
Permit Number: O1610
Expiration Date: August 3, 2021
Eco Services Operations Corp.
Baytown Plant
Baytown, Harris County
Regulated Entity Number: RN100211317
Customer Reference Number: CN605004464
Account Number: HG-0696-Q

RECEIVED

AUG 22 2016

TCEQ
CENTRAL FILE ROOM

Dear Ms. Simpson:

The effective federal operating permit (FOP) for Eco Services Operations Corp., Baytown Plant is enclosed. This FOP constitutes authority to operate the emission units identified in the FOP application.

All site operating permits are subject to public petition for 60 days following the expiration of the 45-day U.S. Environmental Protection Agency (EPA) review. The public petition period for the FOP extended from May 14, 2016 until July 12, 2016. If the EPA received a valid petition and objects to the above-referenced permit, you will be notified promptly by the Texas Commission on Environmental Quality (TCEQ).

It should be noted that from the date of this letter Eco Services Operations Corp., Baytown Plant must operate in accordance with the requirements of Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122) and the FOP. Some of the terms and conditions contained in the FOP include recordkeeping conditions, reporting conditions (which includes deviation reporting), and compliance certification conditions. All reports, along with any questions regarding the reports, shall be forwarded to the Texas Commission on Environmental Quality, Houston Regional Office, 5425 Polk St Ste H, Houston, Texas 77023-1452.

Consistent with 30 TAC Chapter 122, Subchapter C, the permit holder shall submit an application to the Air Permits Division (APD) for a revision to an FOP for those activities at a site which change, add, or remove one or more FOP terms or conditions. The permit holder shall also submit an application to the APD for a revision to a permit to address the following: the adoption of an applicable requirement previously designated as federally enforceable only; the promulgation of a new applicable requirement; the adoption of a new state-only requirement; or a change in a state-only designation.

Ms. Elaine Simpson
Page 2
August 3, 2016

Consistent with 30 TAC §122.133 and 30 TAC §122.134, a complete renewal application must be submitted to the agency no later than six months, but no earlier than 18 months, before the expiration of this permit.

Thank you again for your cooperation in this matter. If you have questions concerning the review or this notice, please contact Ms. Kelley Oswalt at (512) 239-0167.

This action is taken under authority delegated by the Executive Director of the TCEQ.

Sincerely,



Michael Wilson, P.E., Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

MPW/ko

cc: Mr. Floyd Dickerson, Environmental Manager, Eco Services Operations Corp., Houston
Mr. William J. McConnell, Plant Manager, Eco Services Operations LLC, Houston
Director, Harris County, Pollution Control Services, Pasadena
Air Section Manager, Region 12 - Houston

Enclosure: Effective Permit

cc: Air Permit Section Chief, U.S. Environmental Protection Agency, Region 6, Dallas

Project Number: 18273

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Eco Services Operations Corp.

AUTHORIZING THE OPERATION OF
Eco Services Operations Baytown Plant
Baytown Plant
Industrial Inorganic Chemicals

LOCATED AT
Harris County, Texas
Latitude 29° 44' 51" Longitude 95° 0' 7"
Regulated Entity Number: RN100211317

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: 01610 Issuance Date: August 3, 2016



For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:
 - (i) Title 30 TAC § 101.352 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)
 - (iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)
 - (iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)
 - (v) Title 30 TAC § 101.358 (relating to Emission Monitoring and Compliance Demonstration)
 - (vi) Title 30 TAC § 101.359 (relating to Reporting)
 - (vii) Title 30 TAC § 101.360 (relating to Level of Activity Certification)
 - (viii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

- E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed either before or after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in

compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

- (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
- 5. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
 - A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks
 - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
 - (iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)
 - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)

- (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
 - (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
 - (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
 - (ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
 - (x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
 - (xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
 - (xii) Title 30 TAC § 115.545(1) - (7), (9) - (11) and (13) (relating to Approved Test Methods)
 - (xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
 - (xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
 - (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
 - (xvi) Title 30 TAC § 115.546(b) (relating to Recordkeeping and Notification Requirements), for notification
 - (xvii) Title 30 TAC § 115.547(4) (relating to Exemptions)
- B. For the degassing of all transport vessels with a nominal capacity of 8,000 gallons or more, the permit holder shall comply with the following requirements:**
- (i) Title 30 TAC § 115.541(a) - (c) and (d) (relating to Emission Specifications)

- (ii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
- (iii) Title 30 TAC § 115.542(b), (c) and (e) (relating to Control Requirements)
- (iv) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
- (v) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
- (vi) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
- (vii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (viii) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (ix) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (x) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xi) Title 30 TAC § 115.545(1) - (11) and (13) (relating to Approved Test Methods)
- (xii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiii) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xiv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xv) Title 30 TAC § 115.546(b) (relating to Recordkeeping and Notification Requirements), for notification

6. The permit holder shall comply with the requirements of 30 TAC § 115.722(b) (relating to Site-wide Cap and Control Requirements) and the requirements of 30 TAC § 115.726(g) (relating to Recordkeeping and Reporting Requirements).
7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
8. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

9. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).

- B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
- D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
- E. The permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions.
- F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

New Source Review Authorization Requirements

- 10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield

11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
13. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
 - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Boiler Standard Permit

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
15. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:

(i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:

(1) Title 30 TAC § 117.9020(2)(A), (C), and (D)

B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).

C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.

16. Use of Emission Credits to comply with applicable requirements:

A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) Offsets for Title 30 TAC Chapter 116

B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)(2)

(ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1

(iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)(2)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

17. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

- (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

18. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Permit Location

19. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

20. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit

shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.



Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References-----

Applicable Requirements Summary

Unit Summary17

Applicable Requirements Summary 18

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BARGE-DOCK	LOADING/UNLOADING OPERATIONS	N/A	R5211-0001	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure less than 0.5 psia.
BARGE-DOCK	LOADING/UNLOADING OPERATIONS	N/A	R5211-0002	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Daily Throughput = Loading less than 20,000 gallons per day.
GRPACIDTNK	STORAGE TANKS/VESSELS	T-5, T-6, T-7, T-8	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PKGBOILSTK	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7ICI-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
PKGBOILSTK	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-001	40 CFR Part 60, Subpart Dc	No changing attributes.
PREHTRSTK	PROCESS HEATERS/FURNACES	N/A	R7ICI-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
PRO-REGEN	SULFURIC ACID PRODUCTION	N/A	REG2-002	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PRO-REGEN	SULFURIC ACID PRODUCTION	N/A	60H-001	40 CFR Part 60, Subpart H	No changing attributes.
T-16	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BARGE-DOCK	EU	R5211-0001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
BARGE-DOCK	EU	R5211-0002	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
GRPACIDT NK	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
PKGBOILST K	EU	R71CI-0001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(1)(C)	An owner or operator may not use the alternative methods specified in §§	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b)	§ 117.345(a) § 117.345(f) § 117.345(f)(1)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	117.315, 117.323 and 117.9800 to comply with the NO _x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(f)(9)	[G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
PKGBOILST K	EU	R7ICI- 0001	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3) § 117.8120	CO emissions must not exceed 400 ppmv at 3.0% O ₂ , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
PKGBOILST K	EU	60Dc-001	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).			
PKGBOILST K	EU	60Dc-001	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
PKGBOILST K	EU	60Dc-001	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
PREHTRST K	EU	R7ICI-0001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO _x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PREHTRST K	EU	R7ICI-0001	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O ₂ , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
PRO-REGEN	EU	REG2-002	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.6(a)	Except as provided in §112.5 and in §112.14 no person may cause, suffer, allow, or permit emissions of SO ₂ from any sulfuric acid plant to exceed the emission limits set by the specified equation.	§ 112.2(a) § 112.6(c)	§ 112.2(c)	§ 112.2(b)
PRO-REGEN	EU	REG2-002	H ₂ SO ₄	30 TAC Chapter 112, Sulfur Compounds	§ 112.41(b) § 112.41(b)(1)	Sulfuric acid or oleum facilities may not permit emissions of H ₂ SO ₄ mist to exceed 0.50 lb/ton (0.25 gram/kg) of 100% H ₂ SO ₄ produced when burning specified compounds by the contact process.	§ 112.43(b) § 112.43(c) [G]§ 112.43(c)(1) [G]§ 112.43(c)(2) § 112.45(a)	[G]§ 112.45(b)	None
PRO-REGEN	PRO	60H-001	SO ₂	40 CFR Part 60, Subpart H	§ 60.82(a)	On and after the §60.8 performance test, no owner or operator shall discharge	§ 60.84(a) § 60.84(b) § 60.84(c)	None	§ 60.84(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						gases containing SO ₂ in excess of 2 kg per metric ton (4.0 lb per ton) of acid produced into the atmosphere.	§ 60.84(e) § 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3) ** See CAM Summary		
PRO-REGEN	PRO	60H-001	PM (OPACITY)	40 CFR Part 60, Subpart H	§ 60.83(a)(2)	No owner or operator shall discharge any gases exhibiting 10% opacity, or greater.	§ 60.85(a) § 60.85(b)(4)	None	None
PRO-REGEN	PRO	60H-001	H ₂ SO ₄	40 CFR Part 60, Subpart H	§ 60.83(a)(1)	No owner or operator shall discharge any gases containing acid mist, expressed as H ₂ SO ₄ , in excess of 0.075 kg per metric ton (0.15 lb per ton) of acid produced, the production being expressed as 100% H ₂ SO ₄ .	§ 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3)	None	None
T-16	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary 24

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-REGEN	
Control Device ID No.: AMMONIA SCRUBB	Control Device Type: SO2 Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart H	SOP Index No.: 60H-001
Pollutant: SO2	Main Standard: § 60.82(a)
Monitoring Information	
Indicator: pH	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum pH is 4.5	
<p>CAM Text: Each monitoring device shall be cleaned with an automatic cleaning system, or cleaned weekly using hydraulic, chemical, or mechanical cleaning. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least weekly, whichever is more frequent, and shall be accurate to within ± 0.5 pH unit.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-REGEN	
Control Device ID No.: AMMONIA SCRUBB	Control Device Type: SO2 Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart H	SOP Index No.: 60H-001
Pollutant: SO2	Main Standard: § 60.82(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum liquid flow rate is 650 gallons per minute	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 2% of span; or ± 5% of design liquid flow rate. 	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Permit Shield

Permit Shield 27

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
BTCT	N/A	40 CFR Part 63, Subpart Q	Cooling tower has not operated with chromium based chemicals on or after 09/18/1994.
DOCKVC	N/A	30 TAC Chapter 117, Subchapter B	Heat Capacity of vapor combustor is < 40 MMBtu/hr
GRPACIDTNK	T-5, T-6, T-7, T-8	40 CFR Part 60, Subpart K	Tanks were constructed prior to June 11, 1973.
PREHTRSTK	N/A	40 CFR Part 63, Subpart DDDDD	Facility is an area source of HAPs.
PRO-REGEN	N/A	30 TAC Chapter 117, Subchapter B	The furnace is exempt on the basis of being a sulfuric acid regeneration unit.
T-16	N/A	40 CFR Part 60, Subpart K	Tanks were constructed prior to June 11, 1973.

New Source Review Authorization References

New Source Review Authorization References 29
New Source Review Authorization References by Emission Unit.....30

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX695M3	Issuance Date: 08/08/2013
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 56534	Issuance Date: 11/24/2014
Authorization No.: 86388	Issuance Date: 10/29/2008
Authorization No.: 9565	Issuance Date: 08/08/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 03/14/1997
Number: 7	Version No./Date: 09/12/1989

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
BARGE-DOCK	SPENT ACID LOADING	56534
BTCT	COOLING TOWER	106.371/03/14/1997
DOCKVC	DOCK VAPOR COMBUSTOR	56534
PKGBOILSTK	PACKAGE BOILER	106.183/09/04/2000
PREHTRSTK	PREHEATER	106.183/09/04/2000
PRO-REGEN	REGEN PROCESS UNIT	9565, PSDTX695M3
T-16	SPENT ACID STORAGE TANK	56534
T-5	SPENT ACID STORAGE TANK	56534
T-6	SPENT ACID STORAGE	56534
T-7	SPENT ACID STORAGE TANK	56534
T-8	SPENT ACID STORAGE TANK	56534

Appendix A

Acronym List 32

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
COMS	continuous opacity monitoring system
CVS	closed-vent system
D/FW	Dallas/Fort Worth (nonattainment area)
DR	Designated Representative
EIP	El Paso (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
GF	grandfathered
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MMBtu/hr	Million British thermal units per hour
MRRT	monitoring, recordkeeping, reporting, and testing
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PM	particulate matter
ppmv	parts per million by volume
PSD	prevention of significant deterioration
RO	Responsible Official
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

Appendix B

Major NSR Summary Table 34
9565 and PSDTX695M3 36

Major NSR Summary Table

Permit Number: 9565 and PSDTX695M3			Issuance Date: August 8, 2013				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
1	Scrubber Exhaust	Carbon Monoxide	5.50	24.09	2, 3, 4, 5, 7, 9, 11, 13, 14, 15	2, 3, 4, 5, 6, 7, 9, 11, 13, 14, 15	2, 9, 11
		H ₂ SO ₄ (6)	6.88	20.08			
		Ammonia	0.40	1.70			
		NO _x	19.75	54.91			
		PM ₁₀	3.19	11.32			
		PM _{2.5}	3.19	11.32			
		Sulfur Dioxide (6)	114.13	441.65			
		VOC	0.01	0.01			
		Silver	0.03	0.12			
		Arsenic	0.13	0.52			
		Barium	0.03	0.12			
		Beryllium	0.02	0.08			
		Cadmium	0.02	0.08			
		Chlorine	0.01	0.02			
		Chromium	0.67	2.82			
		Hydrogen Chloride	0.06	0.26			
		Mercury	0.0018	0.0041			
Nickel	0.56	2.42					
Lead	0.06	0.24					
Antimony	0.03	0.12					
Selenium	0.05	0.20					
Thallium	0.02	0.08					
RACKFUG	Rack Process Fugitives (5)	VOC	0.01	0.01	2	2, 6	2
		Hydrogen Sulfide	0.01	0.01			
FUGRC	Railcar Piping and Components (5)	VOC	0.01	0.02	2	2, 6	2
		H ₂ SO ₄ (6)	0.01	0.01			

Footnotes:

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) H₂SO₄ - sulfuric acid mist

- NO_x - total oxides of nitrogen
 - PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
 - (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
 - (6) Prevention of Significant Deterioration pollutant



**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT**



*A Permit Is Hereby Issued To
Rhodia Inc.*

*Authorizing the Construction and Operation of
The Baytown Sulfuric Acid Plant*

Located at Baytown, Harris County, Texas

Latitude 29° 44' 53" Longitude 95° 0' 7"

Permit: 9565 and PSDTX695M3

Amendment Date : August 8, 2013

Renewal Date: August 8, 2023


For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code 116.116 (30 TAC 116.116)]
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC 116.115(b)(2)(B)(iii)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)]
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with 30 TAC 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit.

Special Conditions

Permit Numbers 9565 and PSDTX695M3

Emission Standards

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.
2. These permitted facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency regulations in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), promulgated for the following: **(PSD)**
 - A. Subparts A and Cd for Emission Guidelines and Compliance Times for Sulfuric Acid Production Units.
 - B. Subparts A and H for Sulfuric Acid Plants.
 - C. Alternative Monitoring Plan (AMP) for sulfur dioxide (SO₂) emissions.
3. The sulfuric acid (H₂SO₄) daily throughput is limited to 1,100 tons. The holder of this permit shall keep records of the daily H₂SO₄ production and the one-hour SO₂ emissions rates for each day of production. Records shall be made readily available to Texas Commission on Environmental Quality (TCEQ) personnel upon request, EPA personnel or any applicable local program with jurisdiction and may be used to determine compliance with the SO₂ emission limits specified in the maximum allowable emissions rates table (MAERT). **(PSD)**
4. The SO₂ emissions from the H₂SO₄ plant stack designated as Emission Point Number (EPN) 1 shall not exceed 2.49 pounds per ton of acid produced on an hourly basis. The SO₂ emissions from the H₂SO₄ plant stack designated as Emission Point No. EPN 1 shall not exceed 2.20 pounds per ton of acid produced on an annual basis. Production is expressed as 100 percent H₂SO₄. Records shall be updated once a week to demonstrate compliance with each production parameter. **(PSD)**
5. Sulfuric acid mist, expressed as H₂SO₄, shall not be discharged from the H₂SO₄ acid plant stack designated as EPN 1 in excess of 0.15 pounds per ton of acid produced on an hourly basis. Sulfuric acid mist, expressed as H₂SO₄, shall not be discharged from EPN 1 in excess of 0.10 pounds per ton of acid produced on an annual basis. Production is expressed as 100 percent H₂SO₄. Records shall be updated once a week to demonstrate compliance with each production parameter. **(PSD)**

6. Any construction of new equipment that occurs for the use of adding a new chemical is not allowed through this special condition. New chemical(s) may be added through use of a permit by rule claim and/or registration under 30 TAC Chapter 106.
- A. Short-term (pounds per hour [lb/hr]) and annual (tons per year) emissions and calculations shall be completed for each chemical at each affected source; emission rates shall be calculated in accordance with the methods documented in the permit amendment application. The calculated emission rates shall not exceed the maximum allowable emission rate at any emission point.
- B. The Effect Screening Level (ESL) for the chemical shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Division.
- C. The total emissions of any compound from all emission points in this permit must satisfy one of the following conditions:

- (1) The total maximum emission rate from all sources is less than 0.04 lb/hr and the ESL greater than 2 ug/m³;

$$(ER/ESL)_N \leq (ER/ESL)_E$$

$(ER/ESL)_N$ = plant wide maximum hourly emission rate based on maximum vapor pressure of new compound(s) divided by its ESL.

$(ER/ESL)_E$ = the highest ratio of any previously authorized compounds plant wide hourly emission rate based on maximum vapor pressure divided by its ESL (i.e., 0.261).

- D. The permit holder shall maintain records of the information below and the demonstrations in steps A through C above. The following documentation is required for each compound:
- (1) Chemical name(s), composition, and chemical abstract registry number if available.
 - (2) Molecular weight.
 - (3) Storage tanks, loading areas, and loading fugitive areas where the material is to be handled and the emission control device to be utilized.
 - (4) Date new compound handling commenced.
 - (5) Material Safety Data Sheet.

7. The H₂SO₄ furnace shall be operated with not less than 0.5 percent excess oxygen (O₂) and not more than 2400°F furnace exit temperature, averaged hourly. Above 1800°F, excess O₂ shall not exceed 3 percent, averaged hourly. The furnace outlet temperature and O₂ content shall be continuously monitored and recorded.

Initial Determination of Compliance

8. Sampling ports and platform(s) shall be incorporated into the design of EPN 1 according to the specifications set forth in the attachment entitled "Chapter 2, Stack Sampling Facilities" of the TCEQ Sampling Procedures Manual. Alternate sampling facility designs must be submitted for approval to the TCEQ Regional Director.
9. The holder of this permit shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the stack designated as EPN 1. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. **(PSD)**
 - A. Sampling shall be conducted in accordance with Title 40 Code of Federal Regulations (40 CFR) Part 60, Appendix A, Method 7, "Determination of Nitrogen Oxide (NO_x) Emissions from Stationary Sources" and Method 8, "Determination of SO₂ and H₂SO₄ Emissions from Stationary Sources" and Method 10, "Determination of Carbon Monoxide (CO) Emissions from Stationary Sources" and other applicable testing methods.
 - B. The appropriate TCEQ Regional Office in the region where the source is located and applicable local air program(s) shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports.

A written proposed description of any deviation from sampling procedures specified in permit provision or the TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Office Director or the Director of the TCEQ in Austin shall approve or disapprove of any deviation from specified sampling procedures.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standard testing which must have EPA approval shall be submitted to the TCEQ Regional Office.

- C. Air contaminants emitted from the H₂SO₄ acid plant stack designated as EPN 1 to be tested for include (but are not limited to) chlorine, CO, H₂SO₄, HCl, NO_x and SO₂, H₂SO₄ mist, antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, silver and thallium. These stack testing results shall be used to demonstrate compliance with Special Condition Nos. 1, 4, and 5.
- D. Stack testing of EPN 1 shall be completed between 90 days and 180 days after permit amendment approval in 2009. Sampling shall occur at such other times as may be required by the Executive Director of the TCEQ. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires prior approval and requests shall be submitted to the TCEQ Regional Office.
- E. The sulfuric acid plant shall be sampled while operating at the maximum possible safe production rate (as determined by the permit holder) for the H₂SO₄ production unit at the time of testing. The H₂SO₄ production rate shall be monitored and recorded during the stack test. If the normal production rate of H₂SO₄ from this facility exceeds by more than 10 percent the tons per day maintained during sampling, the company must notify, in writing, the appropriate TCEQ Regional Office and the source may be subject to additional sampling to demonstrate continued compliance.
- F. Copies of the final sampling report shall be forwarded to the TCEQ and the EPA within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the appropriate TCEQ Regional Office.

One copy to each appropriate local air pollution control program.
One copy to the Air Enforcement Branch, the EPA, Region 6, Dallas.

Continuous Demonstration of Compliance

10. At no time shall the hourly average ammonia (NH_3) liquor feed rate into the H_2SO_4 plant exceed 65 gallons per minute (gpm).
11. The holder of this permit shall install, calibrate, maintain and operate a continuous monitor to measure and record the feed rate of NH_3 liquor into the H_2SO_4 plant. The monitoring data shall be reduced to hourly average flow rates at least once everyday.

Semiannual reports of all excessive feed rates and monitor downtime shall be submitted to the appropriate TCEQ Regional Office. These reports shall include the information described in 40 CFR § 60.7(c).

All monitoring data, quality assurance data, excessive feed rate data and monitor downtime data shall be maintained by the source for a period of two years and shall be made readily available to the TCEQ or the EPA upon request.

12. At no time shall the hourly rolling average of hydrogen sulfide gas flow to the furnace exceed 150,000 standard cubic feet per hour.
13. The holder of this permit shall install, calibrate, maintain and operate a continuous emission monitoring system (CEMS) to measure and record the in-stack concentration of SO_2 from EPN 1. **(PSD)**
 - A. The CEMS calibration shall be checked daily and the CEMS shall be zeroed and spanned using cylinder gas at least once a week and corrective action taken when the results differ by greater than ± 5 percent from the tagged cylinder gas value.
 - B. The monitoring data shall be reduced to one-hour average concentrations at least once every month using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emissions rates in pounds of SO_2 per hour at least once every month.
 - C. All monitoring data and quality-assurance data shall be maintained by the source for a period of two years and shall be made readily available to TCEQ

personnel, EPA personnel or any local program with jurisdiction upon request. The data from the CEMS may, at the discretion of the TCEQ, EPA personnel or any local program with jurisdiction, be used to determine compliance with the SO₂ emission limits specified in MAERT.

- D. The CEMS must operate at all times when sulfur bearing compounds (except natural gas) are being fed to the furnace, but need not operate during CEMS breakdown, repairs for calibration checks and zero span adjustments.
- E. CEMS shall be used to demonstrate compliance with the SO₂ emission limits as found in Special Condition No. 4. The permit holder must meet the quality assurance procedures required by 40 CFR Part 60 Appendix F or any alternate procedures specified in the AMP shown as Attachment I.
 - (1) The SO₂ CEMS shall monitor and record the three hour arithmetic average (not weighted by production volume) SO₂ emission rate in units of pounds per ton of one hundred percent acid produced.
 - (2) The SO₂ CEMS shall monitor and record the SO₂ emission rate averaged (arithmetic average, not weighted by production) over all operation hours in each 365 day period in units of pounds per ton of one hundred percent acid produced.
 - (3) Implementation of the monitoring requirements has been defined in the AMP for the SO₂ CEMS system.
 - (4) The AMP supersedes the corresponding SO₂ monitoring requirements of NSPS Subpart H.
 - (5) All steps necessary to avoid CEMS breakdowns and minimize CEMS down time must be taken. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs of the equipment.
 - (6) In the event of an CEMS downtime lasting longer than twenty-four hours, the permittee shall demonstrate compliance with the emission limits established in Special Condition No. 4 according to the procedures specified in the AMP shown as Attachment I.

Compliance Assurance Monitoring

14. The following requirements apply to ammonia scrubber capture system for EPN 1.
 - A. If used to control pollutants like SO₂, the permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system.
 - B. The control device shall not have a bypass.
 - C. If any of the above inspections are not satisfactory, the permit holder shall promptly take necessary corrective action.

15. The minimum liquid flow to the ammonia scrubber shall be 650 gpm. The circulation rate shall be monitored and recorded at least once a day. The liquid flow rate shall be recorded at least once an hour. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value.

The pH shall be analyzed and recorded at least once a day from the NH₃ scrubber. The minimum allowable pH in the NH₃ scrubber is 4.5. The pH monitoring device shall be cleaned with an automatic cleaning system or cleaned weekly using hydraulic, chemical or mechanical cleaning. The pH monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least weekly, whichever is more frequent and shall be accurate to within 0.5 pH unit.

Quality assured (or valid) data must be generated when the H₂SO₄ production unit is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the H₂SO₄ production unit operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded.

Dated August 8, 2013

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9565 and PSDTX695M3

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1	Scrubber Exhaust	Carbon Monoxide	5.50	24.09
		H ₂ SO ₄ (6)	6.88	20.08
		Ammonia	0.40	1.70
		NO _x	19.75	54.91
		PM ₁₀	3.19	11.32
		PM _{2.5}	3.19	11.32
		Sulfur Dioxide (6)	114.13	441.65
		VOC	0.01	0.01
		Silver	0.03	0.12
		Arsenic	0.13	0.52
		Barium	0.03	0.12
		Beryllium	0.02	0.08
		Cadmium	0.02	0.08
		Chlorine	0.01	0.02
		Chromium	0.67	2.82
		Hydrogen Chloride	0.06	0.26
		Mercury	0.0018	0.0041
		Nickel	0.56	2.42
Lead	0.06	0.24		
Antimony	0.03	0.12		

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		Selenium	0.05	0.20
		Thallium	0.02	0.08
RACKFUG	Rack Process Fugitives (5)	VOC	0.01	0.01
		Hydrogen Sulfide	0.01	0.01
FUGRC	Railcar Piping and Components (5)	VOC	0.01	0.02
		H ₂ SO ₄ (6)	0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) H₂SO₄ - sulfuric acid mist
 NO_x - total oxides of nitrogen
 PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Prevention of Significant Deterioration pollutant

Date: August 8, 2013

**FEDERAL OPERATING PERMIT - TECHNICAL REVIEW SUMMARY
SITE OPERATING PERMIT (SOP) RENEWAL**

Permit #:	O1610	Company:	Eco Services Operations Corp.
Project #:	18273	Site:	Eco Services Operations Baytown Plant
Account #:	HG-0696-Q	Application Area:	Baytown Plant
Regulated Entity #:	RN100211317	Customer #:	CN604683482
Region:	12	County:	Harris
SIC Code:	2819	SIC Name:	Industrial Inorganic Chemicals
Permit Reviewer:	Whitney Hill		

SITE INFORMATION

Physical Location: Last industrial facility on Park Street; surrounded by ExxonMobil Baytown operations.
3439 Park Street
Nearest City: Baytown
Major Pollutants: NOX, SO2
Additional FOPs: None

PROJECT SUMMARY

Eco Services Operations, LLC's Baytown Plant last renewed the site's Site Operating Permit (SOP) on January 25, 2008. On July 24, 2012, Eco Services Operations, LLC submitted a timely renewal application. This application was placed on management delay because a significant revision submitted January 20, 2012 was incorporating a major modification to the site's Prevention of Significant Deterioration (PSD) permit and a revision to the site's case-by-case NSR permit. The major modification to the PSD permit was effective on August 08, 2013 and the case-by-case NSR permit was effective on November 24, 2014. That significant revision is incorporated into this renewal project. Significant emission sources include loading and unloading operations, package boilers, process heaters, sulfuric acid production, storage tanks, and preheaters. Compliance assurance monitoring is included in the permit. The FOP includes general and special terms and conditions and unit-specific applicable requirements which were identified using information provided by the applicant in various forms (OP-SUMR, OP-1, OP-2, OP-REQ1, OP-MON, and various Unit Attribute forms).

PROCESS DESCRIPTION

This site is a sulfuric acid manufacturing plant. The PRO-REGEN unit is the heart of the plant which is designed to produce fresh sulfuric acid (H₂SO₄) from reacted sulfuric acids or "sludges" produced by refineries and/or chemical plants. Hydrogen sulfide gas (H₂S) and natural gases are burned to maintain proper operating parameters and sulfur dioxide (SO₂) strengths.

The sludge and sulfur gas are sprayed into a combustion furnace (2000F) where the hydrocarbons and sulfur are burned and the spent sulfuric acid is decomposed. The combustion gases pass through a boiler for heat recovery and then through a scrubbing tower, a direct contact gas cooler (660F), two electrostatic precipitators, and a drying tower.

The SO₂ gas is combined with oxygen in a vanadium substrate catalytic converter to convert the SO₂ into sulfur trioxide (SO₃). From the converter the gas is finally sent to an absorbing tower where SO₃ reacts with water to form sulfuric acid. The gas that exits from the tower is passed through a mist removal element where any entrained acid is removed. The final gas stream enters an ammonia scrubber that reduces the concentration of un-reacted SO₂ gas. The tail gas is exhausted to the atmosphere.

TECHNICAL REVIEW

Permit Content Summary

1. Was Periodic Monitoring (PM) required and included in the permit?No
2. Was Compliance Assurance Monitoring (CAM) required and included in the permit? Yes
3. Was case-by-case PM or CAM included in the permit?.....No
4. Was a permit shield requested?..... Yes
5. If a permit shield was requested, was any permit shield request denied?.....No
6. Identify if the following are applicable for this project:
 - (a) Manually-built applicable requirementsNo
 - (b) Customized Special Terms and ConditionsNo
 - (c) Manual changes to the IMS-generated applicable requirements.....No
 - (d) Alternate means of compliance for any emission unit/source at the siteNo
7. Is the site subject to the requirements of 40 CFR Part 72 (Acid Rain Permit)?No
8. Did the applicant's review/comments on the working draft permit result in changes to the permit content?..... Yes
9. Will the draft permit be sent to public notice with unresolved issues (i.e., disagreements with applicant)?.....No

Permit reviewer notes:

CAM is included in the permit for emission PRO-REGEN for monitoring SO₂ for 40 CFR Part 60, Subpart H.

All of the permit shields submitted or existing in the permit were reviewed and approved.

Manually built applicability was removed for unit 1 for 20 TAC Chapter 112 and the PSD applicability.

A major NSR summary table was included in the permit for PSD TX695M3.

During WDP review, the applicant requested to update the 30 TAC Chapter 112 requirements for PRO-REGEN.

Statement of Basis

A Statement of Basis sets forth the legal and factual basis for the applicable requirements that are included in the FOP.

1. The Statement of Basis was prepared on January 28, 2016.
2. The Statement of Basis GroupWise Document # (OPDP Database) is 77048.

Compliance History Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on August 28, 2015.

Site rating: 0.17 Company rating: 1.19
(High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)

2. Has the permit changed on the basis of the compliance history or site/company rating?No

Permit reviewer notes:

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS?No
2. Is a compliance plan and schedule included in the permit?No

Permit reviewer notes:

When the renewal application was submitted initially with a compliance plan, however, an updated OP-ACPS was submitted on November 05, 2015 that showed the site was in compliance. A compliance plan and schedule was not included in the permit.

Delinquent Fee Check

- 1. The delinquent fee check was performed on January 29, 2016.
- 2. Were there any delinquent fees owed?No

Permit reviewer notes:

Public Notice Information

- 1. Were comments received from the applicant after the draft permit was mailed and before Public Notice was published?No
- 2. Was a revised draft permit or public notice authorization package (PN-Errata) sent for a reason?No
- 3. Publication date: March 16, 2016 Newspaper name: The Baytown Sun
- 4. Was bilingual public notice published?NA
 Publication date: Newspaper name:
- 5. Were comments received during Public Notice period?No
 - (a) Was a public hearing requested?No
 - (b) Was a public hearing held?No
 - (c) Was the public hearing request withdrawn?No
 - (d) Was permit content changed as a result of any public comments?No
- 6. Was re-publication necessary?No

Permit reviewer notes:

EPA Review

- 1. Did EPA comment on the draft permit?No
- 2. Was a separate NOPP - Notice of Proposed Permit sent to the EPA?No
 If yes, did the EPA comment on the proposed permit?No
- 3. Were any changes made to the permit after the EPA Review Period?No
 If yes, were these changes made within the 60 day Public Petition Period?No

Permit reviewer notes:

IMPORTANT MILESTONES

Milestone (Standard)	Start Date	End Date
Date Application Received by TCEQ	07/24/2012	
Date Project Received by Engineer	07/30/2012	
Technical Review Period	07/09/2015	01/28/2016
Working Draft Permit Reviewed by Applicant	08/31/2015	09/18/2015

ECOSERVICES

AIR PERMITS DIVISION

Baytown Plant

June 10, 2016

AIR PERMITS DIVISION

JUN 17 2016

RECEIVED

Office of the Chief Clerk, MC-105
Texas Commission on Environmental Quality
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

JUN 17 2016

RECEIVED

RE: Eco Services Operations LLC
Baytown, Texas
Title V Renewal Public Notice
Permit No.: O-01610
Account No.: HG-0696-Q

Dear Chief Clerk:

Please find attached the public notice publications for the Title V permit O-01610 renewal on March 16 and 18, 2016 and the associated public notice affidavits. Also included is the public notice verification.

If there are any questions, please contact me at (713) 924-1484.

Sincerely,



David Laurie
Environmental Engineer

Attachments

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Eco Services Operations LLC
Permit No.: 01610
Notice of Draft Federal Operating Permit

AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §

COUNTY OF Harris §

Before me, the undersigned authority, on this day personally appeared

Magen Murillo, who being by me duly sworn,
(name of person representing newspaper)

deposes and says that (s)he is the Circulation Supervisor
(title of person representing newspaper)

of the Baytown Sun; that said newspaper is
(name of newspaper)

generally circulated in Baytown, Texas;
(municipality in which the site or proposed site is located)

that the enclosed notice was published in said newspaper on the following date(s):

March 16, 2016

Magen Murillo
(newspaper representative's signature)

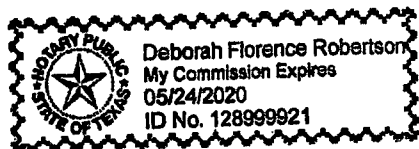
Subscribed and sworn to before me this the 7 day of June, 20 16.

to certify which witness my hand and seal of office.

Deborah Florence Robertson
Notary Public in and for the State of Texas

(Seal)

Deborah Florence Robertson
Print or Type Name of Notary Public



5-24-20
My Commission Expires

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 2, 2016

MR MARK MCFADDEN
VICE PRESIDENT AND SECRETARY
ECO SERVICES OPERATIONS LLC
245 PARK AVE 16TH FLOOR C/O CCMP CAPITAL ADVISORS
NEW YORK NY 10167-0002

Re: Notification of Final Compliance Certification
Federal Operating Permit
Permit Number: O1610
Eco Services Operations LLC
Baytown Plant
Baytown, Harris County
Regulated Entity Number: RN100211317
Customer Reference Number: CN604683482
Account Number: HG-0696-Q

Dear Mr. McFadden:

We have received from Eco Services Operations Corp. a letter dated November 13, 2015, concerning an ownership/name change for the above-referenced site. We have been informed that Eco Services Operations LLC is no longer the owner of the above-referenced facility. Our files have been updated to document this change.

You must submit a compliance certification (Form PCC) and deviation report(s) as required by 30 Texas Administrative Code § 122.145 and 146 for the period from the day after the end date of the most recent certification to the effective date of the transfer of ownership agreement (not to exceed 12 months). The compliance certification is due within 30 days after the effective date of the transfer of ownership agreement and should be submitted to the TCEQ Houston Regional Office, 5425 Polk St Ste H, Houston, Texas 77023-1452 and the Environmental Protection Agency Region VI. **Please contact the regional office at (713) 767-3500 if you have any questions regarding the compliance certification process.**

Please maintain a copy of this letter with your records for future reference. If you have questions concerning the review or this notice, please contact Ms. Alison Ray at (512) 239-4948.

Mr. Mark Mcfadden
Page 2
June 2, 2016

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality.

Sincerely,

A handwritten signature in black ink, appearing to read "Johnny D. Bowers", with a long horizontal flourish extending to the right.

Johnny D. Bowers, Team Leader
Air Permits Initial Review Team
Air Permits Division
Texas Commission on Environmental Quality

JDB/ar

cc: Air Section Manager, Region 12 - Houston
Air Permit Section Chief, U.S. Environmental Protection Agency, Region 6 - Dallas

Project Number: 18273

ECOSERVICES

Baytown Plant

Certified Mail: Return Receipt Requested (7015 1520 0003 4945 7579)

May 26, 2016

Office of the Chief Clerk, MC-105
Texas Commission on Environmental Quality
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

AIR PERMITS DIVISION
MAY 31 2016
RECEIVED

RE: Eco Services Operations LLC
Baytown, Texas
Title V Renewal Public Notice
Permit No.: O-01610
Account No.: HG-0696-Q

Dear Chief Clerk:

Please find attached the public notice publications for the Title V permit O-01610 renewal on March 16 and 18, 2016 and the associated public notice affidavits. Also included is the public notice verification.

If there are any questions, please contact me at (713) 924-1484.

Sincerely,



David Laurie
Environmental Engineer

Attachments



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION					
RN: 100211317		CN: 605004464		Account No.: HG-0696-Q	
Permit No.: O-1610			Project No.: 18273		
Area Name: Baytown Plant			Company Name: Eco Services Operations Corporation		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>					
<input type="checkbox"/> Responsible Official			<input checked="" type="checkbox"/> Duly Authorized Representative		
III. SUBMITTAL TYPE <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input checked="" type="checkbox"/> Other: <u>Public Notice</u>					
IV. CERTIFICATION OF TRUTH					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>William McConnell</u> certify that I am the <u>DAR</u>					
<i>(Certifier Name printed or typed)</i>			<i>(RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From <u>03/16/16</u> to <u>03/18/2016</u>					
		<i>Start Date</i>		<i>End Date</i>	
Specific Dates: _____					
<i>Date 1</i>		<i>Date 2</i>		<i>Date 3</i>	
<i>Date 4</i>		<i>Date 5</i>		<i>Date 6</i>	
Signature: <u>William J McConnell</u>			Signature Date: <u>5/26/16</u>		
Title: <u>Plant Manager</u>					



Texas Commission on Environmental Quality
Public Notice Verification Form
Air Permit

Applicant Name: Eco Services Operations Corporation	
Site or Facility Name: Baytown Plant	
TCEQ Account Number (if applicable): HG-0696-Q	Permit Number: O-1610
Regulated Entity Number (RN): RN100211317	Customer Number (CN): CN605004464
<p>All applicants must complete all applicable portions of this form. Send this completed form to the TCEQ to the attention of the Office of the Chief Clerk within 10 business days after the end of the designated comment period. For more information regarding public notice, refer to the instructions in the public notice package.</p>	
Alternative Language Checklist	
I have contacted the appropriate school district.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
School District: Goose Creek ISD	Phone Number:
Person Contacted:	Date:
Is a bilingual education program (BEP) required by the Texas Education Code in the district?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>If answer is "NO," skip to first question in verification box on next page. <i>(Note: A BEP is different from "English as a Second Language" (ESL) program; and Elementary/Middle schools that only offer ESL will not trigger notice in an alternative language.)</i></p>	
<p>Notice in an alternative language is required if a BEP is required in the District, and one of the following conditions is met:</p>	
1. students in the elementary or middle school nearest the facility are enrolled in a program at that school;	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. students from the elementary or middle school nearest the facility attend a BEP at another location; or	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. the school district that otherwise would be required to provide a BEP has been granted an exception from the requirements to provide the program, as provided for in 19 Texas Administrative Code 89.1207(a).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>If the answer is "NO" to 1, 2, and 3 above, then alternative language notice is not required.</p>	
The name of the elementary school nearest to the proposed or existing facility is:	
Pumphrey Elementary	
The name of the middle school nearest to the proposed or existing facility is:	
Horace Mann Junior High School	
The following language(s) is/are utilized in the bilingual program:	
Spanish	
<p>If notice in an alternative language is required, then applicants must publish alternative language notice(s) and post alternative language sign(s), as outlined in the <i>Instructions for Public Notice</i> and certify compliance with those requirements on this form.</p>	



Texas Commission on Environmental Quality
Public Notice Verification Form
 Air Permit

Applicant Name: Eco Services Operations Corporation	
Site or Facility Name: Baytown Plant	
TCEQ Account Number (if applicable): HG-0696-Q	Permit Number: O-1610
Regulated Entity Number (RN): RN100211317	Customer Number (CN): CN605004464
For more information regarding public notice, refer to the instructions in the public notice package.	
Alternative Language Verification	
1. A BEP is required by the Texas Education Code in the area addressed by this permit application and is subject to alternative language public notice requirements. If "NO," skip 2 through 6 and complete signature, title, date, and name of applicant.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. The applicant has conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located (or proposed to be located).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. A newspaper or publication could not be found in any of the alternative language(s) in which notice is required.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. The publishers of the newspaper listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located (or proposed to be located).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Newspaper: La Subasta	Language: Spanish
5. Proof of publication of the newspaper alternative language notice(s) and the requested affidavits have been sent to the TCEQ.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Alternative language signs were posted as required by the TCEQ.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>This form must be signed and dated by a designated representative acting on behalf of the applicant after the end of the designated comment period. Send this completed form to the TCEQ to the attention of the Office of the Chief Clerk within 10 business days after the end of the designated comment period. The TCEQ will not accept this form if submitted prior to that date.</p>	
Verified by (signature):	
Applicant: Eco Services Operations Corporation	
Title: Environmental Engineer	Date: 5/20/2016

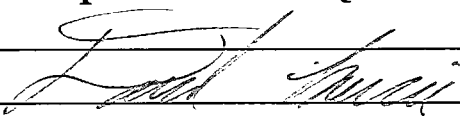


Texas Commission on Environmental Quality
Public Notice Verification Form
Air Permit

Applicant Name: Eco Services Operations Corporation	
Site or Facility Name: Baytown Plant	
TCEQ Account Number (if applicable): HG-0696-Q	Permit Number: O-1610
Regulated Entity Number (RN): RN100211317	Customer Number (CN): CN605004464
For more information regarding public notice, refer to the instructions in the public notice package.	
New Source Review Permit Notice Verification (Complete this section, if applicable)	
Proof of publication of the newspaper notices and the requested affidavits have been furnished in accordance with the regulations and instructions of the TCEQ.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Notice of Receipt of Application and Intent to Obtain Permit (1st Notice):	
Required signs (for 1st notice) were posted in accordance with the regulations and instructions of the TCEQ.	<input type="checkbox"/> Yes <input type="checkbox"/> No
A copy of the administratively complete air quality application, and any revisions, were available for review and copying at the public place indicated below throughout the duration of the public comment period.	<input type="checkbox"/> Yes <input type="checkbox"/> No
The public place indicated below provides public access to the internet (for PSD, nonattainment, or FCAA 112(g) Permit).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Notice of Application and Preliminary Decision (2nd Notice, if applicable):	
A copy of the complete air quality application (including any subsequent revisions to the application), executive director's preliminary decision (which includes the draft permit), the preliminary determination summary and air quality analysis (if applicable), are available for review and copying at the public place indicated below from the first day after newspaper publication, and will remain available until either: (1) the TCEQ acts on the application; or (2) the application is referred to the State Office of Administrative Hearings (SOAH) for hearing	<input type="checkbox"/> Yes <input type="checkbox"/> No
Name of Public Place: Baytown Sterling Municipal Library	
Address of Public Place: 1 Mary Elizabeth Willbanks Ave.	
City: Baytown	State: Tx
ZIP Code: 77520	
This form must be signed and dated by a designated representative acting on behalf of the applicant after the end of the designated comment period. Send this completed form to the TCEQ to the attention of the Office of the Chief Clerk within 10 business days after the end of the designated comment period. The TCEQ will not accept this form if submitted prior to that date.	
Verified by (signature):	
Applicant: Eco Services Operations Corporation	
Title: Environmental Engineer	Date: 5/20/2016



Texas Commission on Environmental Quality
Public Notice Verification Form
Air Permit

Applicant Name: Eco Services Operations Corporation		
Site or Facility Name: Baytown Plant		
TCEQ Account Number (if applicable): HG-0696-Q	Permit Number: O-1610	
Regulated Entity Number (RN): RN100211317	Customer Number (CN): CN605004464	
For more information regarding public notice, refer to the instructions in the public notice package.		
Federal Operating Permit (Title V) Notice Verification (Complete this section, if applicable)		
I verify that the required signs were posted in accordance with the regulations and instructions of the TCEQ.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
I verify that proof of publication of the newspaper notices and the requested affidavits have been furnished in accordance with the regulations and instruction of the TCEQ.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
I verify that a copy of the complete air quality application (including any subsequent revisions to the application) and draft permit were available for review and copying at the public place indicated below throughout the duration of the public comment period.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Name of Public Place: Baytown Sterling Municipal Library		
Address of Public Place: 1 Mary Elizabeth Willbanks Ave.		
City: Baytown	City: Baytown	City: Baytown
<p>This form must be signed and dated by a designated representative acting on behalf of the applicant after the end of the designated comment period. Send this completed form to the TCEQ to the attention of the Office of the Chief Clerk within 10 business days after the end of the designated comment period. The TCEQ will not accept this form if submitted prior to that date.</p>		
Verified by (signature): 		
Applicant: Eco Services Operations Corporation		
Title: Environmental Engineer	Date: 5/20/2016	

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Eco Services Operations LLC
Permit No.: 03049
Notice of Draft Federal Operating Permit

AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §

COUNTY OF HARRIS §

Before me, the undersigned authority, on this day personally appeared

Magen Murillo, who being by me duly sworn,
(name of person representing newspaper)

deposes and says that (s)he is the Classified rep
(title of person representing newspaper)

of the Baytown Sun; that said newspaper is
(name of newspaper)

generally circulated in Baytown, Texas;
(municipality in which the site or proposed site is located)

that the enclosed notice was published in said newspaper on the following date(s):

March 16, 2016

Magen Murillo
(newspaper representative's signature)

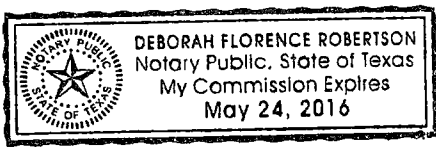
Subscribed and sworn to before me this the 19 day of April, 20 16.

to certify which witness my hand and seal of office

Deborah Florence Robertson
Notary Public in and for the State of Texas

(Seal)

Deborah Florence Robertson
Print or Type Name of Notary Public



5-24-16
My Commission Expires

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Eco Services Operations LLC.
Permit No.: 01610
Notice of Draft Federal Operating Permit

ALTERNATIVE LANGUAGE AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §

COUNTY OF Harris §

Before me, the undersigned authority, on this day personally appeared

Marilu Gamez, who being by me duly sworn, deposes
(name of person representing newspaper)

and says that (s)he is the National Accounts Customer Service
(title of person representing newspaper)

of the La Subasta; that said newspaper or publication is
(name of newspaper)

generally circulated in Harris, Texas;
(municipality or county in which the site or proposed site is located)

that the enclosed notice was published in said newspaper or publication on the following date(s):

March 18, 2016

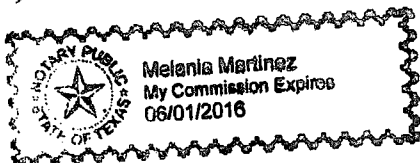
M. Gamez
(newspaper or publication representative's signature)

Subscribed and sworn to before me this the 18th day of March, 2016,

to certify which witness my hand and seal of office.

M. Martinez
Notary Public in and for the State of Texas

(Seal)



Melania Martinez
Print or Type Name of Notary Public

06/01/2016
My Commission Expires

November 13, 2015

Texas Commission on Environmental Quality
Air Permits Division
Attn.: Ms. Brooke Grunnet
Mail Code 161
P.O. Box 13087
Austin, Texas 78711-3087



Re: Change of Ownership
Eco Services Operations LLC to Eco Services Operations Corp.
Air Account No. HG-0696-Q
RN 100211317
3439 Park Street
Baytown, TX 77520

Dear Sir or Madam:

Eco Services Operations LLC anticipates that on April 29, 2016 (the "Closing Date"), it will transfer ownership of the above-referenced facility to Eco Services Operations Corp., and Eco Services Operations Corp. will become the owner and operator of the facility. As a result, Eco Services Operations LLC requests that the Commission transfer the following air permits to Eco Services Operations Corp. on the Closing Date:

- Title V Air Permit O-1610;
- Air Permit No. 56534;
- Air Permit No. 9565;
- Air Permit No. 12675;
- Air Permit No. 86388; and
- Air Permit Nos. PSDTX 695, PSDTX 695(M2) and PSDTX 695(M3).

Eco Services Operations LLC will notify the Commission if the Closing Date is delayed beyond November 24, 2015.

Enclosed please find a completed Core Data Form, Change of Name/Ownership Form and Transfer Agreement between Eco Services Operations LLC and Eco Services Operations Corp. reflecting the change in ownership. The site personnel, operations and equipment at the facility will remain the same. There will be no change in the type of pollutants emitted and no increase in the quantity of emissions.

Texas Commission on Environmental Quality
Air Permits Division
November 13, 2015

Thank you very much for your assistance. Should you have any questions and wish to discuss this matter further, please contact me at (609) 860-4446.

Sincerely,



Roger Yackel
Secretary

Encls.

**AGREEMENT TRANSFERRING RESPONSIBILTY UNDER BAYTOWN
PLANT TITLE V PERMIT NO. O-1610 FROM ECO SERVICES
OPERATIONS LLC TO ECO SERVICES OPERATIONS CORP.**

November 13, 2015

I. BACKGROUND

WHEREAS, Eco Services Operations Corp. ("Eco Services Corp.") is in the process of acquiring the sulfuric acid manufacturing business of Eco Services Operations LLC ("Eco Services LLC") (the "Transaction").

WHEREAS, as of the closing of the Transaction, which currently is targeted for April 29, 2016, Eco Services Corp. will own and operate Eco Services LLC's Baytown, Texas Plant (the "Closing Date").

WHEREAS, Eco Services Corp. has submitted the Change of Name/Ownership Form (Form 20405) to the Texas Commission on Environmental Quality (the "TCEQ") to request the transfer of all of the air permits currently issued to Eco Services LLC for its Houston Plant, including its Title V Permit No. O-1610.

WHEREAS, in consideration of, and in exchange for, the promises and covenants herein, Eco Services Corp. and Eco Services LLC agree to the terms and provisions of this Agreement Transferring Responsibility Under Houston Plant Title V Permit No. O-1610 from Eco Services LLC to Eco Services Corp. (this "Agreement").

**II. AGREEMENT BETWEEN ECO SERVICES LLC AND ECO SERVICES
CORP.**

1. As of the closing of the Transaction, and in conjunction with the transfer of Title V Permit No. O-1610, Eco Services LLC hereby assigns, and Eco Services Corp. simultaneously assumes, all legal responsibilities under Title V Permit No. O-1610.

2. Eco Services LLC will continue to comply with all responsibilities and obligations under Title V Permit No. O-1610 until the Closing Date, and Eco Services Corp. agrees to be bound by and comply with all responsibilities and obligations under Title V Permit No. O-1610 on and after the Closing Date without regard to whether the executive director of the TCEQ has then approved the transfer of Title V Permit No. O-1610 to Eco Services Corp.

3. This Agreement shall bind and inure to the benefit of the parties hereto and their respective successors and assigns.

III. SIGNATORIES


4. The signatories for the parties each certify that he or she is authorized to enter into the terms and conditions of this Agreement and to execute and bind legally such party to this Agreement.

5. This Agreement may be executed in two or more counterparts (including electronically transmitted counterparts), each of which will be deemed an original but all of which will constitute but one instrument.

[Signature Page Follows]


IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the date first above written.

ECO SERVICES OPERATIONS LLC.

By: 
Name: Roger Yackel
Title: Secretary

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the date first above written.

ECO SERVICES OPERATIONS CORP.

By: 

Name: Elaine Simpson

Title: Vice President of Health, Safety, and Environment

**Texas Commission on Environmental Quality
Air Permits Division
Change of Name/Ownership Form**

**MAY 02 2016
APIRT**

I. Application Type		
<input checked="" type="checkbox"/> Change in Ownership		<input type="checkbox"/> Change in Company Name
II. Name of the New Owner or Operator of the Facilities or Equipment (Legal Entity Name of the new permittee)		
A. Customer Name: Eco Services Operations Corp.		
B. Customer Reference Number (CN) (if issued): Not yet issued.		205004964 ARZ
C. Submittal Date:		
D. Effective Date of Change: 04/29/2016		
E. Is the new owner an affiliate of the previous owner?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
III. Responsible Official (RO) Contact Information		
Name (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.): Elaine Simpson		
Title: VP of Health, Safety and Environment		
Company Name: Eco Services Operations Corp.		
Mailing Address: c/o PQ Corporation, 300 Lindenwood Drive, Valleybrooke Corporate Center		
City: Malvern	State: PA	Zip Code: 19355
Territory:		Country: USA
Foreign Postal Code:		Internal Mail Code:
Telephone No.: 610-651-4720		Fax No.: 610-651-4249
E-mail Address: elaine.simpson@pqcorp.com		
IV. Technical Contact Information		
Name (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.): Floyd Dickerson		
Title: Environmental Manager		
Company Name: Eco Services Operations Corp.		
Mailing Address: 8615 Manchester Street		
City: Houston	State: Texas	Zip Code: 77012
Territory:		Country: USA
Foreign Postal Code:		Internal Mail Code:
Telephone No.: 713-924-1408		Fax No.: 713-835-3261
E-mail Address: floyd.dickerson@eco-services.com		

**Texas Commission on Environmental Quality
Air Permits Division
Change of Name/Ownership Form**

**MAY 02 2016
APIRT**

V. Site Information (continued)							
A. Site Name: Eco Services Operations Corp.							
B. Regulated Entity Number (RN) (if issued): 100211317							
C. Account Number (if issued): HG0696Q							
D. If action is transfer of ownership, is the change for the entire site?							<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
E. If action is transfer of ownership for a portion of the existing site, will the new site be a major source?							<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
F. Indicate all pollutants for which the site is a major source based on the site's potential to emit.							
Pollutant:	VOC	NO _x	SO ₂	PM ₁₀	CO	PB	HAPs
Major at the Site (YES/NO):	NO	YES	YES	NO	NO	NO	NO
Other:							
VI. Air Authorizations That Are Affected By This Action							
A. List all NSR authorizations (including PBR, SE, and standard permit registrations, and NSR permits), as applicable:							
Air Permit No. 56534		PSDTX695, (M2), (M3)			Air Permit No. 86388		
Air Permit No. 9565		Air Permit No. 12675					
B. List all FOPs (including SOPs and ATOs under GOPs), as applicable:							
Title V Air Permit No. O-1610							
VII. NSR Conditions for Change of Ownership under 30 TAC § 116.110(e)							
<ul style="list-style-type: none"> • The new owner agrees to be bound by all the permit conditions and all representations made in the permit and any amendments and alterations. • The new owner asserts there will be no change in the type of pollutants emitted. • The new owner asserts there will be no increase in the quantity emitted. 							

**Texas Commission on Environmental Quality
Air Permits Division
Change of Name/Ownership Form**

**MAY 02 2016
APIRT**

VIII. FOP Conditions for Change of Ownership

- For SOP holders:
Pursuant to 30 TAC § 122.210 and § 122.211, the permit holder (new owner) is required to submit a permit revision application for a change to the permit identification of ownership or operational control of a site. The change must be facilitated by a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder. This written agreement is maintained with the permit.

- For GOP holders:
Pursuant to 30 TAC § 122.503, the permit holder (new owner) is required to submit (before the change is operated) an application for a new authorization to operate for a change to the permit identification of ownership or operational control of a site. The change must be facilitated by a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder. This written agreement is maintained with the permit.

A. Are any other changes needed for the FOP? <i>(If YES, submit the information as explained in the instructions.)</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Is there an Acid Rain permit or Clean Air Interstate Rule (CAIR) permit included in the SOP? <i>(If YES, submit the information as explained in the instructions.)</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

IX. Authorization

I, Elaine Simpson, certify that I am the responsible official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

Signature: *Elaine Simpson* Signature Date: 11/23/15

Title: VP of Health, Safety and Environment

**Texas Commission on Environmental Quality
Air Permits Division
Change of Name/Ownership Form**

VIII. FOP Conditions for Change of Ownership

- For SOP holders:
Pursuant to 30 TAC § 122.210 and § 122.211, the permit holder (new owner) is required to submit a permit revision application for a change to the permit identification of ownership or operational control of a site. The change must be facilitated by a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder. This written agreement is maintained with the permit.

- For GOP holders:
Pursuant to 30 TAC § 122.503, the permit holder (new owner) is required to submit (before the change is operated) an application for a new authorization to operate for a change to the permit identification of ownership or operational control of a site. The change must be facilitated by a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder. This written agreement is maintained with the permit.

A. Are any other changes needed for the FOP?
(If YES, submit the information as explained in the instructions.) YES NO

B. Is there an Acid Rain permit or Clean Air Interstate Rule (CAIR) permit included in the SOP?
(If YES, submit the information as explained in the instructions.) YES NO

IX. Authorization

I, Elaine Simpson, certify that I am the responsible official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

Signature: *Elaine Simpson* Signature Date: 06/01/16

Title: VP of Health, Safety and Environment



TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/> Other Update Customer Information	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN Not yet issued 605004464 ARay		RN 100211317

SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	11/24/2015					
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input checked="" type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)							
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).							
6. Customer Legal Name (if an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:					
Eco Services Operations Corp.		Eco Services Operations LLC					
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)				
11. Type of Customer: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Individual Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited							
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Other:					
12. Number of Employees <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher		13. Independently Owned and Operated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following:							
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other:							
15. Mailing Address:	Eco Services Operations Corp., c/o PQ Corporation						
	Attention: Elaine Simpson, VP of HSE						
	300 Lindenwood Drive Valleybrooke Corporate Center						
City	Malvern	State	PA	ZIP	19355	ZIP + 4	
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)			
18. Telephone Number (610) 651-4720				19. Extension or Code		20. Fax Number (if applicable) (610) 651-4249	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (if 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Eco Services Operations Corp.	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	3439 Park Street							
	City	Baytown	State	TX	ZIP	77520	ZIP + 4	
24. County	Harris							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:														
26. Nearest City	Baytown				State	TX	Nearest ZIP Code		77520					
27. Latitude (N) In Decimal:	29. Degrees			44. Minutes		51. Seconds		28. Longitude (W) In Decimal:	95. Degrees		0. Minutes		07. Seconds	
29. Primary SIC Code (4 digits)	2819			30. Secondary SIC Code (4 digits)				31. Primary NAICS Code (5 or 6 digits)	325180			32. Secondary NAICS Code (5 or 6 digits)		
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>														
34. Mailing Address:	P.O. Box 3331													
	City	Baytown	State	TX	ZIP	77522	ZIP + 4	3331						
35. E-Mail Address:		floyd.dickerson@eco-services.com												
36. Telephone Number				37. Extension or Code				38. Fax Number <i>(if applicable)</i>						
(713) 924-1408								(713) 835-3252						

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form Instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
			HG-0696Q	
<input type="checkbox"/> Municipal Solid Waste	<input checked="" type="checkbox"/> New Source Review Air	<input checked="" type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS
	56534, 9565, 11660, 12675, 86388, PSD TX 695(M2), (M3)	101136		1011077
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input checked="" type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input checked="" type="checkbox"/> Used Oil
		O-1610		HOU00071
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input checked="" type="checkbox"/> Other: ISW Registration
				30708

SECTION IV: Preparer Information

40. Name:	Floyd Dickerson			41. Title:	Environmental Manager		
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address				
(713) 924-1408		(713) 835-3252	floyd.dickerson@eco-services.com				

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Eco Services Operations Corp.	Job Title:	V.P. of Health, Safety, and Environment		
Name <i>(In Print)</i> :	Elaine Simpson	Phone:	(610) 651-4720		
Signature:	<i>Elaine Simpson</i>	Date:	9/9/15		

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 18, 2016

MR MARK MCFADDEN
VICE PRESIDENT AND SECRETARY
ECO SERVICES OPERATIONS LLC
245 PARK AVE 16TH FLOOR C/O CCMP CAPITAL ADVISORS
NEW YORK NY 10167-0002

Re: Draft Federal Operating Permit Approval and Public Notice Authorization
Renewal
Permit Number: O1610
Eco Services Operations LLC
Baytown Plant
Baytown, Harris County
Regulated Entity Number: RN100211317
Customer Reference Number: CN604683482
Account Number: HG-0696-Q

Dear Mr. McFadden:

The executive director has completed the technical review of your application as required by the Texas Clean Air Act (TCAA) § 382.0517, as codified in the Texas Health and Safety Code, and has determined that the above-referenced application is administratively complete on July 30, 2012. This letter provides notice of the following:

- instructions describing how to **publish notice** for the draft permit; and
- the executive director's proposed final action is to submit a draft federal operating permit (FOP), which serves as a proposed permit, to the U.S. Environmental Protection Agency (EPA) for **EPA review** to run concurrently with the public notice comment period, unless public comments are received or the executive director grants a hearing request. If EPA review is not concurrent, the EPA review period shall begin no earlier than the close of the public comment period or date of the hearing.

The Form OP-ACPS (Application Compliance Plan and Schedule) submitted with the permit application is still valid for all applicable requirements in the attached draft operating permit, including new source review authorizations. If the Form OP-ACPS is no longer correct for any reason, please submit updated Form OP-ACPS, including an updated compliance plan to Ms. Whitney Hill, Air Permits Division. This updated compliance plan must be approved by the Texas Commission Environmental Quality (TCEQ) and added to the FOP before publication.

Mr. Mark McFadden
Page 2
February 18, 2016

Public Notice

The TCEQ has prepared a draft permit for your final review and approval. The draft permit and statement of basis are available at the TCEQ Website:

www.tceq.texas.gov/goto/tvnotice

You are now required to publish notice for the draft permit. To help you meet the requirements associated with this notice, we have enclosed the following items:

- Instructions for Public Notice
- Public Notice Checklist
- Notice for Newspaper Publication and Sign Posting
- Affidavit of Publication for Air Permitting (Form TCEQ-20479) and Alternative Language Affidavit of Publication for Air Permitting (Form TCEQ-20480)

Please note that it is **very important** that you follow **all** directions in the enclosed instructions. If you do not, you may be required to republish the notice. A common mistake is the unauthorized changing of notice wording or font. If you have any questions, please contact us before you proceed with publication.

A "Public Notice Checklist" is enclosed which notes the time limitations for each step of the public notice process. This checklist should be used as a tool in conjunction with the enclosed, detailed instructions.

EPA Review

In accordance with Title 30 Texas Administrative Code § 122.350 (30 TAC § 122.350), the procedural requirements of 30 TAC § 122.320 of this title (relating to Public Notice), 30 TAC § 122.322 of this title (relating to Bilingual Public Notice), and the requirements for EPA review under this section may run concurrently. However, if any person submits comments, or the executive director grants a hearing request, the requirement for EPA review may not run concurrently with the period for public notice. If comments are received, the executive director will submit the comments and revised proposed permit, if applicable, to the EPA and shall restart the 45-day EPA review.

If the EPA does not file an objection to a proposed FOP, or the objection is resolved, the TCEQ will issue the FOP. Any person affected by the decision of the TCEQ, including the applicant, may petition the EPA in accordance with TCAA § 382.0563, as codified in the Texas Health and Safety Code, and 30 TAC § 122.360 within 60 days of the expiration of the EPA's 45-day review period. The petition shall be based only on objections to the permit raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such objections within the public comment period, or the grounds for such objections arose after the public comment period.

Mr. Mark McFadden
Page 3
February 18, 2016

The EPA may only object to the issuance of any proposed permit that is not in compliance with the applicable requirements or the requirements of this chapter. The 60-day public petition period will begin on the day after the last day of the EPA review period. Public petitions should be submitted to the TCEQ, the applicant, and the EPA at the following addresses:

Texas Commission Environmental Quality
Attn: Mr. Michael Wilson, P.E., Director
Air Permits Division, MC-163
P.O. Box 13087
Austin, Texas 78711-3087

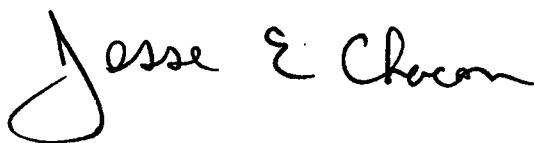
U.S. Environmental Protection Agency
Attn: Air Permit Section Chief (6PD-R)
Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

U.S. Environmental Protection Agency
Administrator Gina McCarthy
Ariel Rios Building (AR 1101A)
1200 Pennsylvania Avenue, NW
Washington, DC 20460

The TCEQ will make the draft FOP, the statement of basis, FOP application, compliance certification, and if applicable, the compliance plan and monitoring reports available to the public, EPA, and to the affected states and local programs as needed. If you do not comply with **all** requirements described in the instructions, further processing of your application may be suspended and your application voided, or the agency may take other action.

Thank you for your cooperation in this matter. If you have any questions regarding publication requirements, please contact the Office of the Chief Clerk at (512) 239-3300. If you have any other questions, please contact Ms. Whitney Hill at (512) 239-1301.

Sincerely,



Jesse E. Chacon, P.E., Manager
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality

JEC/wh

cc: Mr. Floyd Dickerson, Environmental Manager, Eco Services Operations LLC, Houston
Mr. William J. McConnell, Plant Manager, Eco Services Operations LLC, Houston
Director, Harris County, Pollution Control Services, Pasadena
Air Section Manager, Region 12 - Houston

Project Number: 18273

Public Notice Checklist

Notice of Draft Federal Operating Permit (Title V Notice)

The following tasks must be completed for public notice. If publication in an alternative language is required, please complete the tasks for both the English and alternative language publications. Detailed instructions are included in the "Instructions for Public Notice" section of this package.

Within 30 calendar days after date of this letter

Publish *Notice of Draft Federal Operating Permit* in "public notice" section of newspaper. Review for accuracy prior to publishing.
Provide copy of complete application, including any subsequent revisions, statement of basis, and the draft permit at a public place for review and copying. Keep them there for duration of the designated comment period.
Prepare signs.

First day of newspaper publication

Review published newspaper notice for accuracy.
Post signs and keep them up for duration of the designated comment period.
Ensure copy of complete application, including any subsequent revisions, statement of basis, and the draft permit are at the public place.

Within 2 business days after date of publication

Fax proof of publication to Ms. Whitney Hill in Air Permits Division at (512) 239 - 1400 or send it by e-mail to Whitney.Hill@tceq.texas.gov.

Within 10 business days after date of publication

Mail proof of publication showing publication date and newspaper name to:
Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087
Mail photocopies of proof of publication showing publication date and newspaper name to TCEQ Regional Office and each local program with jurisdiction over your site.

Within 30 calendar days after date of publication

Mail original affidavit of publication for air permitting and alternative language affidavit of publication for air permitting (if applicable) to:
Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087
Mail photocopies of affidavits to Ms. Whitney Hill in Air Permits Division.

Within 10 business days after end of the designated comment period

Mail Public Notice Verification Form and Form OP-CRO1 to:
Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087
Mail photocopies of Public Notice Verification Form and Form OP-CRO1 to Ms. Whitney Hill in Air Permits Division.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



Instructions for Public Notice For Federal Operating Permit

Notice of Draft Federal Operation Permit

We have completed the technical review of your application and have prepared a draft federal operating permit (FOP) for public notice. The draft FOP and statement of basis are available at the Texas Commission on Environmental Quality (TCEQ or Commission) Website:

www.tceq.texas.gov/goto/tvnotice

You must comply with the following instructions:

Draft Permit Review

The draft FOP is available for your final review and approval. During technical review of the application, the permit reviewer coordinated with you or your technical contact to address and resolve any outstanding issues. Contact the permit reviewer listed in the cover letter immediately if you have any questions related to the draft FOP.

Notice Review

Included in the notice is all of the information which the commission believes is necessary to effectuate compliance with applicable public notice requirements. Please read it carefully and notify the permit reviewer listed in the cover letter immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information published. You may not change the text of the notice without prior approval from the TCEQ.

Newspaper Notice

- You must publish the enclosed *Notice of Draft Federal Operating Permit* **as soon as practical but no later than 30 calendar days** after the date on the cover letter with these instructions.
- You must publish the enclosed *Notice of Draft Federal Operating Permit*, at your expense, in the public notice section of one issue of a newspaper of general circulation in the municipality in which the site or proposed site is located, or the municipality nearest to the location of the site or proposed site.
- The bold text of the enclosed notice must be printed in the newspaper in a font style or size that distinguishes it from the rest of the notice (i.e., **bold, italics**). **Failure to do so may require re-notice.**

Alternative Language Notice

In certain circumstances, an applicant for an FOP must complete notice in alternative languages.

- Public notice rules require the applicant to determine whether a bilingual program is required at either the elementary or middle school nearest to the facility or proposed facility location. Bilingual education programs are determined on a district-wide basis. When students who are required to attend either school are eligible to be enrolled in a bilingual education program, some alternative language notice is required (newspaper notice).
- Since the school district, and not the schools, must provide the bilingual education program, these programs do not have to be located at the elementary or middle schools nearest to the facility or proposed facility to trigger the alternative language notice requirement. Alternative language notice is required when students who would normally attend the nearest schools are eligible to be taught in a bilingual education program at a different location.
- If triggered, publications of alternative language notices must be made in a newspaper or publication printed primarily in each language taught in the bilingual education program. This notice is required if such a newspaper or publication exists in the municipality or the county where the facility is located or proposed to be located.
- The applicant must demonstrate a good faith effort to identify a newspaper or publication in the required language. If a newspaper or publication of general circulation published at least once a month in such language cannot be found, publishing in that language is not required, but signs must still be posted adjacent to each English language sign.
- The applicant has the burden to demonstrate compliance with these requirements. You must fill out the ***Public Notice Verification Form (TCEQ-20244)*** indicating your compliance with the requirements regarding publication in an alternative language. **This form is available at www.tceq.texas.gov/permitting/air/nav/air_publicnotice.html**
- It is suggested the applicant work with the local school district to do the following:
 - (a) determine if a bilingual program is required in the district;
 - (b) determine which language is required by the bilingual program;
 - (c) locate the nearest elementary and middle schools; and
 - (d) determine if any students attending either school are eligible to be enrolled in a bilingual educational program.
- **If you determine that you must meet the alternative language notice requirements, you are responsible for ensuring that the publication in the alternative language is complete and accurate in that language. Since the most common bilingual programs are in Spanish, the TCEQ has provided example Spanish notice templates for your use. All italic notes should be replaced with the corresponding Spanish translations for the specific application and published in the alternative language publication.**

Electronic versions of the Spanish templates are available through the Air Permits Division Web site at www.tceq.texas.gov/goto/air/publicnotice.

- If you are required to publish notice in a language other than Spanish, you must translate the entire public notice at your own expense.

Public Comment Period

- The public comment period should last at least **30 calendar days**.
- The comment period will be longer if the last day of the public comment period ends on a weekend or a holiday. In this case, the comment period will end on the next business day.
- The comment period for the permit may lengthen depending on whether a notice and comment hearing is held. If a hearing is held, the comment period will be extended to the date of the hearing.

Sign Posting

- You must also post a sign in English and as applicable, in each alternative language, referencing the draft FOP.
- Please read the sign template carefully and notify the permit reviewer listed in the cover letter immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information for the sign posting. You may not change the text of the sign without prior approval from the TCEQ.
- Signs must be in place on the first day of publication in a newspaper and must remain in place and be legible for the entire comment period or the end of a notice and comment hearing, if a hearing is granted.
- The sign placed at the site must be located at or near the site main entrance, provided that the sign is legible from the public street. If the sign would not be legible from the public street, then the sign shall be placed within ten feet of a property line paralleling a public street.
- The executive director may approve variations if you demonstrate that it is not practical to comply with the specific sign posting requirements. The executive director must approve variations before signs are posted.
- All lettering on the sign must be no less than 1-1/2" in height and in block printed capital lettering.
- The sign must be at least 18" wide and 28" tall, and consist of dark lettering on a white background.
- Alternative language signs are required if alternative notice is required, even if no newspaper can be found.
- Inspect each sign posting daily to ensure they are present and visible throughout the comment period.

- You must submit certification of sign posting within **10 business days** after the end of the public comment period by completing and submitting **Public Notice Verification Form (TCEQ-20244)**.

Proof of Publication and Public Notice Certification

- Check each publication to ensure that the articles were accurately published.
- You must fax or e-mail a copy of the **proof of publication** of each published notice which shows the complete notice that was published, date of publication, and the name of the newspaper to the permit reviewer, **within 2 business days of publication**. Acceptable proofs of publication are 1) copies of the published notice or 2) the original newspaper clippings of the published notice. If you choose to submit copies of the published notice to the Office of the Chief Clerk, copies must be on standard-size 8½" x 11" paper and must show the actual size of the published notice (do not reduce the image when making copies). Published notices longer than 11" must be copied onto multiple 8½" x 11" pages. Please note, submitting a copy of your published notice could result in faster processing of your application. It is recommended that you maintain original newspaper clippings or tear sheets of the notice for your records.
- You must submit proof of publication of each published notice which shows the complete notice that was published, date of publication, and the name of the newspaper to the Office of the Chief Clerk. In addition, send a copy to the TCEQ Regional Office and to each local program with jurisdiction over your site, within **10 business days** after the date of publication. You are encouraged to submit the affidavit with the proof of publication described above.
- You must submit an **original publisher's affidavit** to the Office of the Chief Clerk within **30 calendar days** after the date of each publication. **You must use the enclosed affidavit form**. The affidavit must clearly identify the applicant's name and permit number.
- You must submit the **Public Notice Verification Form (TCEQ-20244)** to the Office of the Chief Clerk and return a copy of this form to the Air Permits Division, within **10 business days** of the end of the public comment period. You must use this form to verify that you have met sign posting requirements and bilingual notice requirements, as applicable. It is also used to verify that you placed a copy of the application, the statement of basis, and draft permit in a public place in the county in which the site is located or proposed to be located. **This form is available at www.tceq.texas.gov/permitting/air/nav/air_publicnotice.html**.
- You must submit a completed *Form OP-CRO1* (Certification by Responsible Official), signed by the Responsible Official or Duly Authorized Representative, that verifies the truth and accuracy of all public notice documentation submitted. You must submit this form to the Office of the Chief Clerk and a copy of this form to the Air Permits Division, within **10 business days** of the end of the public comment period.

- The **original publisher's affidavit, Public Notice Verification Form, Form OP-CRO1**, and an **acceptable proof of publication of the published notice** must be mailed to:

Texas Commission on Environmental Quality
Office of the Chief Clerk, MC-105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

- A copy of the **publisher's affidavit, Public Notice Verification Form, and Form OP-CRO1** must be mailed to:

Texas Commission on Environmental Quality
Air Permits Division, MC-163
Attn: Ms. Whitney Hill
P.O. Box 13087
Austin, Texas 78711-3087

- Please ensure that the affidavit(s) you send to the Chief Clerk is/are originals and that all blanks on the affidavit are filled in correctly. Photocopies of affidavits will not be accepted by the Chief Clerk.

Failure to Publish, Submit Proof of Publication and Certification of Public Notice

- You must meet all publication requirements. **If you fail to publish the notice, post signs, meet bilingual notice requirements, or submit proof of publication and public notice certification on time, the TCEQ may suspend further processing of your application or take other actions.**

Application in a Public Place

- You must provide a copy of the complete application, including any subsequent revisions, the statement of basis, and the draft permit, at a public place for review and copying by the public. The draft permit and statement of basis may be accessed at the link noted previously in this document. This place must be in the county in which the site is located or proposed to be located as required by 30 TAC § 122.320(b).
- A public place is one that is publicly owned or operated (ex: libraries, county courthouses, or city halls).
- The complete application must be accessible to the public for review and copying beginning on the first day of newspaper publication and remain in place until the end of the comment period.
- If the application is submitted to the TCEQ with information marked as "CONFIDENTIAL," you are required to indicate which specific portions of the application are not being made available to the public. These portions of the applications must be accompanied with the following statement: "Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the Texas Commission on Environmental Quality, Public Information Coordinator, MC-197, P.O. Box 13087, Austin, Texas 78711-3087."

General Information

When contacting the Commission regarding this application, please refer to the permit number at the top of the Notice of Draft Federal Operating Permit.

If you have questions or need assistance regarding this notice, please contact the permit reviewer listed in the cover letter or the Office of the Chief Clerk at (512) 239-3300.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Notice of Draft Federal Operating Permit

Draft Permit No.: O1610

Application and Draft Permit. Eco Services Operations LLC, 245 Park Ave 16th Floor C/o Ccmp Capital Advisors, New York, NY 10167-0002, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal and revision of Federal Operating Permit (herein referred to as Permit) No. O1610, Application No. 18273, to authorize operation of the Baytown Plant, a Industrial Inorganic Chemicals facility. The area addressed by the application is located at Last industrial facility on Park Street; surrounded by ExxonMobil Baytown operations. 3439 PARK STREET in Baytown, Harris County, Texas 77522. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to the application. You can find an electronic map of the facility at: <http://www.tceq.texas.gov/assets/public/hb610/index.html?lat=29.7475&lng=-95.001944&zoom=13&type=r> This application was received by the TCEQ on July 24, 2012. The significant revision will result in a change of emissions for the following air pollutant(s): NO_x and SO₂.

The purpose of a federal operating permit is to improve overall compliance with the rules governing air pollution control by clearly listing all applicable requirements, as defined in Title 30 Texas Administrative Code § 122.10 (30 TAC § 122.10). The draft permit, if approved, will codify the conditions under which the area must operate. The permit will not authorize new construction. The executive director has completed the technical review of the application and has made a preliminary decision to prepare a draft permit for public comment and review. The executive director recommends issuance of this draft permit. The permit application, statement of basis, and draft permit will be available for viewing and copying at the TCEQ Central Office, 12100 Park 35 Circle, Building E, First Floor, Austin, Texas 78753; the TCEQ Houston Regional Office, 5425 Polk St Ste H, Houston, Texas 77023-1452; and the Baytown Sterling Municipal Library, 1 Mary Elizabeth Wilbanks Avenue, Baytown, Texas 77520-4258, beginning the first day of publication of this notice. The draft permit and statement of basis are available at the TCEQ Website:

www.tceq.texas.gov/goto/tvnotice

At the TCEQ central and regional offices, relevant supporting materials for the draft permit, as well as the New Source Review permits which have been incorporated by reference, may be reviewed and copied. Any person with difficulties obtaining these materials due to travel constraints may contact the TCEQ central office file room at (512) 239-1540.

Public Comment/Notice and Comment Hearing. Any person may submit written comments on the draft permit. Comments relating to the accuracy, completeness, and appropriateness of the permit conditions may result in changes to the draft permit.

A person who may be affected by the emission of air pollutants from the permitted area may request a notice and comment hearing. The purpose of the notice and comment hearing is to provide an additional opportunity to submit comments on the draft permit. The permit may be changed based on comments pertaining to whether the permit provides for compliance with 30 TAC Chapter 122 (examples may include that the permit does not contain all applicable requirements or the public notice procedures were not satisfied). The TCEQ may grant a notice and comment hearing on the application if a written hearing request is received within 30 days after publication of the newspaper notice. The hearing request must include the basis for the request, including a description of how the person may be affected by

the emission of air pollutants from the application area. The request should also specify the conditions of the draft permit that are inappropriate or specify how the preliminary decision to issue or deny the permit is inappropriate. All reasonably ascertainable issues must be raised and all reasonably available arguments must be submitted by the end of the public comment period. If a notice and comment hearing is granted, all individuals that submitted written comments or a hearing request will receive written notice of the hearing. This notice will identify the date, time, and location for the hearing.

Written public comments and/or requests for a notice and comment hearing should be submitted to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087, or electronically at www.tceq.texas.gov/about/comments.html and be received within 30 days after the date of newspaper publication of this notice. If you communicate with the TCEQ electronically, please be aware that your email address, like your physical mailing address, will become part of the agency's public record.

A notice of proposed final action that includes a response to comments and identification of any changes to the draft permit will be mailed to everyone who submitted public comments, a hearing request, or requested to be on the mailing list for this application. This mailing will also provide instructions for public petitions to the U.S. Environmental Protection Agency (EPA) to request that the EPA object to the issuance of the proposed permit. After receiving a petition, the EPA may only object to the issuance of a permit which is not in compliance with the applicable requirements or the requirements of 30 TAC Chapter 122.

Mailing List. In addition to submitting public comments, a person may ask to be placed on a mailing list for this application by sending a request to the Office of the Chief Clerk at the address above. Those on the mailing list will receive copies of future public notices (if any) mailed by the Chief Clerk for this application.

Information. For additional information about this permit application or the permitting process, please contact the Texas Commission on Environmental Quality, Public Education Program, MC-108, P.O. Box 13087, Austin, Texas 78711-3087 or toll free at 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained for Eco Services Operations LLC by calling Mr. David Laurie at (713) 924-1484.

Notice Issuance Date: February 18, 2016

Public Notice Example Sign Posting

Sign(s) must be in place on the date of publication of the newspaper notice and must remain in place and be legible throughout the public comment period. Note - The information shown is an **example only**. It is your responsibility to verify that the appropriate information pertaining to **your application** is accurate. Each sign placed at the **area addressed in the FOP application** must be located at or near the site main entrance, provided that the sign is legible from the public street. If the sign would not be legible from the public street, then the sign shall be placed within 10 feet of a property line paralleling a public street.

← 18" Minimum →

APPLICATION FOR FEDERAL OPERATING PERMIT

APPLICATION NO.: 18273
DRAFT PERMIT NO.: 01610

ECO SERVICES OPERATIONS LLC
BAYTOWN PLANT

FOR FURTHER INFORMATION CONTACT:

PUBLIC EDUCATION PROGRAM
1-800-687-4040

TEXAS COMMISSION ON ENVIRONMENTAL
QUALITY

HOUSTON REGIONAL OFFICE
5425 POLK ST STE H
HOUSTON, TEXAS 77023-1452

(713) 767-3500

↑
28"
Minimum
↓

Sign(s) must be placed at whatever height above the ground is necessary for sign(s) to be 100% visible from the street.

WHITE BACKGROUND WITH BLACK LETTERS

All lettering must be no less than 1-1/2 inch block printed capitals.

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Eco Services Operations LLC
Permit No.: O1610
Notice of Draft Federal Operating Permit

AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §

COUNTY OF _____ §

Before me, the undersigned authority, on this day personally appeared

_____, who being by me duly sworn,
(name of person representing newspaper)

deposes and says that (s)he is the _____
(title of person representing newspaper)

of the _____; that said newspaper is
(name of newspaper)

generally circulated in _____, Texas;
(municipality in which the site or proposed site is located)

that the enclosed notice was published in said newspaper on the following date(s):

_____.

(newspaper representative's signature)

Subscribed and sworn to before me this the ___ day of _____, 20____.

to certify which witness my hand and seal of office.

(Seal)

Notary Public in and for the State of Texas

Print or Type Name of Notary Public

My Commission Expires

TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Eco Services Operations LLC
Permit No.: O1610
Notice of Draft Federal Operating Permit

ALTERNATIVE LANGUAGE AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §

COUNTY OF _____ §

Before me, the undersigned authority, on this day personally appeared

_____, who being by me duly sworn, deposes
(name of person representing newspaper)

and says that (s)he is the _____
(title of person representing newspaper)

of the _____; that said newspaper or publication is
(name of newspaper)

generally circulated in _____, Texas;
(municipality or county in which the site or proposed site is located)

that the enclosed notice was published in said newspaper or publication on the following date(s):

(newspaper or publication representative's signature)

Subscribed and sworn to before me this the _____ day of _____, 20____,
to certify which witness my hand and seal of office.

Notary Public in and for the State of Texas

(Seal)

Print or Type Name of Notary Public

My Commission Expires

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Eco Services Operations LLC

AUTHORIZING THE OPERATION OF
Eco Services Operations Baytown Plant
Baytown Plant
Industrial Inorganic Chemicals

LOCATED AT
Harris County, Texas
Latitude 29° 44' 51" Longitude 95° 0' 7"
Regulated Entity Number: RN100211317

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: 01610 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

- C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:
 - (i) Title 30 TAC § 101.352 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)
 - (iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)
 - (iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)
 - (v) Title 30 TAC § 101.358 (relating to Emission Monitoring and Compliance Demonstration)
 - (vi) Title 30 TAC § 101.359 (relating to Reporting)
 - (vii) Title 30 TAC § 101.360 (relating to Level of Activity Certification)
 - (viii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

- E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed either before or after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in

compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

- (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
- 5. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
 - A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)
 - (ii) Title 30 TAC § 115.541(f) (relating to Emission Specifications), for floating roof storage tanks
 - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
 - (iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)
 - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)

- (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
- (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
- (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (x) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xii) Title 30 TAC § 115.545(1) - (7), (9) - (11) and (13) (relating to Approved Test Methods)
- (xiii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiv) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xvi) Title 30 TAC § 115.546(b) (relating to Recordkeeping and Notification Requirements), for notification
- (xvii) Title 30 TAC § 115.547(4) (relating to Exemptions)

B. For the degassing of all transport vessels with a nominal capacity of 8,000 gallons or more, the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 115.541(a) - (c) and (d) (relating to Emission Specifications)

- (ii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
- (iii) Title 30 TAC § 115.542(b), (c) and (e) (relating to Control Requirements)
- (iv) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
- (v) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
- (vi) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring
- (vii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (viii) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (ix) Title 30 TAC § 115.544(b)(3), (b)(4) and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (x) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xi) Title 30 TAC § 115.545(1) - (11) and (13) (relating to Approved Test Methods)
- (xii) Title 30 TAC § 115.546(a), (a)(1) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiii) Title 30 TAC § 115.546(a)(2) and (a)(2)(A) - (J) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xiv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xv) Title 30 TAC § 115.546(b) (relating to Recordkeeping and Notification Requirements), for notification

6. The permit holder shall comply with the requirements of 30 TAC § 115.722(b) (relating to Site-wide Cap and Control Requirements) and the requirements of 30 TAC § 115.726(g) (relating to Recordkeeping and Reporting Requirements).
7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
8. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

9. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).

- B. The permit holder shall report, consistent with the averaging time identified in the “CAM Summary,” deviations as defined by the deviation limit in the “CAM Summary.” Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the “CAM Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
- D. The permit holder shall operate the monitoring, identified in the attached “CAM Summary,” in accordance with the provisions of 40 CFR § 64.7.
- E. The permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to detect leaking components for any capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions.
- F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

New Source Review Authorization Requirements

- 10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield

11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
13. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
 - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Boiler Standard Permit

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
15. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
 - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:

- (i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:
 - (1) Title 30 TAC § 117.9020(2)(A), (C), and (D)
 - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(c) and (c)(1).
 - C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.
- 16. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)(2)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)(2)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
- 17. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

- (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

18. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Permit Location

19. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

20. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit

shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary17

Applicable Requirements Summary 18

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
BARGE-DOCK	LOADING/UNLOADING OPERATIONS	N/A	R5211-0001	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure less than 0.5 psia.
BARGE-DOCK	LOADING/UNLOADING OPERATIONS	N/A	R5211-0002	30 TAC Chapter 115, Loading and Unloading of VOC	True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia., Daily Throughput = Loading less than 20,000 gallons per day.
GRPACIDTNK	STORAGE TANKS/VESSELS	T-5, T-6, T-7, T-8	R5112-0001	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PKGBOILSTK	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R7ICI-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
PKGBOILSTK	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-001	40 CFR Part 60, Subpart Dc	No changing attributes.
PREHTRSTK	PROCESS HEATERS/FURNACES	N/A	R7ICI-0001	30 TAC Chapter 117, Subchapter B	No changing attributes.
PRO-REGEN	SULFURIC ACID PRODUCTION	N/A	REG2-002	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PRO-REGEN	SULFURIC ACID PRODUCTION	N/A	60H-001	40 CFR Part 60, Subpart H	No changing attributes.
T-16	STORAGE TANKS/VESSELS	N/A	R5112-0004	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
BARGE-DOCK	EU	R5211-0001	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
BARGE-DOCK	EU	R5211-0002	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(2)(A) § 115.212(a)(2) [G]§ 115.212(a)(7) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Any plant, excluding gasoline bulk plants, which loads less than 20,000 gpd of VOC with a true vapor pressure of 0.5 psia or greater is exempt from the requirements of this division, except for the specified requirements.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B) § 115.216(3)(D)	None
GRPACIDT NK	EU	R5112-0001	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
PKGBOILST K	EU	R71CI-0001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(1)(C)	An owner or operator may not use the alternative methods specified in §§	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b)	§ 117.345(a) § 117.345(f) § 117.345(f)(1)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	117.315, 117.323 and 117.9800 to comply with the NO _x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(e)(1) § 117.8000(e)(3) § 117.8000(e)(5) § 117.8000(e)(6) [G]§ 117.8000(d)	§ 117.345(f)(9)	[G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
PKGBOILST K	EU	R7ICI-0001	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3) § 117.8120	CO emissions must not exceed 400 ppmv at 3.0% O ₂ , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
PKGBOILST K	EU	60Dc-001	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).			
PKGBOILST K	EU	60Dc-001	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
PKGBOILST K	EU	60Dc-001	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
PREHTRST K	EU	R7ICI-0001	NO _x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(8)(A)(ii) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO _x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PREHTRSTK	EU	R7ICI-0001	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O ₂ , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
PRO-REGEN	EU	REG2-002	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.6(a)	Except as provided in §112.5 and in §112.14 no person may cause, suffer, allow, or permit emissions of SO ₂ from any sulfuric acid plant to exceed the emission limits set by the specified equation.	§ 112.2(a) § 112.6(c)	§ 112.2(c)	§ 112.2(b)
PRO-REGEN	EU	REG2-002	H ₂ SO ₄	30 TAC Chapter 112, Sulfur Compounds	§ 112.41(b) § 112.41(b)(1)	Sulfuric acid or oleum facilities may not permit emissions of H ₂ SO ₄ mist to exceed 0.50 lb/ton (0.25 gram/kg) of 100% H ₂ SO ₄ produced when burning specified compounds by the contact process.	§ 112.43(b) § 112.43(c) [G]§ 112.43(c)(1) [G]§ 112.43(c)(2) § 112.45(a)	[G]§ 112.45(b)	None
PRO-REGEN	PRO	60H-001	SO ₂	40 CFR Part 60, Subpart H	§ 60.82(a)	On and after the §60.8 performance test, no owner or operator shall discharge	§ 60.84(a) § 60.84(b) § 60.84(c)	None	§ 60.84(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						gases containing SO ₂ in excess of 2 kg per metric ton (4.0 lb per ton) of acid produced into the atmosphere.	§ 60.84(e) § 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3) ** See CAM Summary		
PRO-REGEN	PRO	60H-001	PM (OPACITY)	40 CFR Part 60, Subpart H	§ 60.83(a)(2)	No owner or operator shall discharge any gases exhibiting 10% opacity, or greater.	§ 60.85(a) § 60.85(b)(4)	None	None
PRO-REGEN	PRO	60H-001	H ₂ SO ₄	40 CFR Part 60, Subpart H	§ 60.83(a)(1)	No owner or operator shall discharge any gases containing acid mist, expressed as H ₂ SO ₄ , in excess of 0.075 kg per metric ton (0.15 lb per ton) of acid produced, the production being expressed as 100% H ₂ SO ₄ .	§ 60.85(a) § 60.85(b)(1) § 60.85(b)(2) § 60.85(b)(3)	None	None
T-16	EU	R5112-0004	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1) § 115.112(e)(3) § 115.112(e)(3)(A) § 115.112(e)(3)(A)(i)	No person shall place, store, or hold VOC in any storage tank unless the storage tank is capable of maintaining working pressure sufficient at all times to prevent any vapor or gas loss to the atmosphere or is in compliance with the control requirements specified in Table 1 of this paragraph for VOC other than crude oil and condensate or Table 2 of subsection (a)(1) of this paragraph for crude oil and condensate.	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(1) [G]§ 115.117	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None



Additional Monitoring Requirements

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CAM Summary

Unit/Group/Process Information	
ID No.: PRO-REGEN	
Control Device ID No.: AMMONIA SCRUBB	Control Device Type: SO2 Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart H	SOP Index No.: 60H-001
Pollutant: SO2	Main Standard: § 60.82(a)
Monitoring Information	
Indicator: pH	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum pH is 4.5	
<p>CAM Text: Each monitoring device shall be cleaned with an automatic cleaning system, or cleaned weekly using hydraulic, chemical, or mechanical cleaning. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least weekly, whichever is more frequent, and shall be accurate to within ± 0.5 pH unit.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-REGEN	
Control Device ID No.: AMMONIA SCRUBB	Control Device Type: SO2 Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart H	SOP Index No.: 60H-001
Pollutant: SO2	Main Standard: § 60.82(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum liquid flow rate is 650 gallons per minute	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 2% of span; or ± 5% of design liquid flow rate. 	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Permit Shield

Permit Shield 27

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
BTCT	N/A	40 CFR Part 63, Subpart Q	Cooling tower has not operated with chromium based chemicals on or after 09/18/1994.
DOCKVC	N/A	30 TAC Chapter 117, Subchapter B	Heat Capacity of vapor combustor is < 40 MMBtu/hr
GRPACIDTNK	T-5, T-6, T-7, T-8	40 CFR Part 60, Subpart K	Tanks were constructed prior to June 11, 1973.
PREHTRSTK	N/A	40 CFR Part 63, Subpart DDDDD	Facility is an area source of HAPs.
PRO-REGEN	N/A	30 TAC Chapter 117, Subchapter B	The furnace is exempt on the basis of being a sulfuric acid regeneration unit.
T-16	N/A	40 CFR Part 60, Subpart K	Tanks were constructed prior to June 11, 1973.

New Source Review Authorization References

New Source Review Authorization References 29

New Source Review Authorization References by Emission Unit.....30

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX695M3	Issuance Date: 08/08/2013
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 56534	Issuance Date: 11/24/2014
Authorization No.: 86388	Issuance Date: 10/29/2008
Authorization No.: 9565	Issuance Date: 08/08/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 03/14/1997
Number: 7	Version No./Date: 09/12/1989

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
BARGE-DOCK	SPENT ACID LOADING	56534
BTCT	COOLING TOWER	106.371/03/14/1997
DOCKVC	DOCK VAPOR COMBUSTOR	56534
PKGBOILSTK	PACKAGE BOILER	106.183/09/04/2000
PREHTRSTK	PREHEATER	106.183/09/04/2000
PRO-REGEN	REGEN PROCESS UNIT	9565, PSDTX695M3
T-16	SPENT ACID STORAGE TANK	56534
T-5	SPENT ACID STORAGE TANK	56534
T-6	SPENT ACID STORAGE	56534
T-7	SPENT ACID STORAGE TANK	56534
T-8	SPENT ACID STORAGE TANK	56534

Appendix A

Acronym List 32

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	.....	actual cubic feet per minute
AMOC	.....	alternate means of control
ARP	.....	Acid Rain Program
ASTM	.....	American Society of Testing and Materials
B/PA	.....	Beaumont/Port Arthur (nonattainment area)
CAM	.....	Compliance Assurance Monitoring
CD	.....	control device
COMS	.....	continuous opacity monitoring system
CVS	.....	closed-vent system
D/FW	.....	Dallas/Fort Worth (nonattainment area)
DR	.....	Designated Representative
EIP	.....	El Paso (nonattainment area)
EP	.....	emission point
EPA	.....	U.S. Environmental Protection Agency
EU	.....	emission unit
FCAA Amendments	.....	Federal Clean Air Act Amendments
FOP	.....	federal operating permit
GF	.....	grandfathered
gr/100 scf	.....	grains per 100 standard cubic feet
HAP	.....	hazardous air pollutant
H/G/B	.....	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	.....	hydrogen sulfide
ID No.	.....	identification number
lb/hr	.....	pound(s) per hour
MMBtu/hr	.....	Million British thermal units per hour
MRRT	.....	monitoring, recordkeeping, reporting, and testing
NA	.....	nonattainment
N/A	.....	not applicable
NADB	.....	National Allowance Data Base
NO _x	.....	nitrogen oxides
NSPS	.....	New Source Performance Standard (40 CFR Part 60)
NSR	.....	New Source Review
ORIS	.....	Office of Regulatory Information Systems
Pb	.....	lead
PBR	.....	Permit By Rule
PM	.....	particulate matter
ppmv	.....	parts per million by volume
PSD	.....	prevention of significant deterioration
RO	.....	Responsible Official
SO ₂	.....	sulfur dioxide
TCEQ	.....	Texas Commission on Environmental Quality
TSP	.....	total suspended particulate
TVP	.....	true vapor pressure
U.S.C.	.....	United States Code
VOC	.....	volatile organic compound

Appendix B

Major NSR Summary Table..... 34
9565 and PSDTX695M3 36

Major NSR Summary Table

Permit Number: 9565 and PSDTX695M3			Issuance Date: August 8, 2013				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
1	Scrubber Exhaust	Carbon Monoxide	5.50	24.09	2, 3, 4, 5, 7, 9, 11, 13, 14, 15	2, 3, 4, 5, 6, 7, 9, 11, 13, 14, 15	2, 9, 11
		H ₂ SO ₄ (6)	6.88	20.08			
		Ammonia	0.40	1.70			
		NO _x	19.75	54.91			
		PM ₁₀	3.19	11.32			
		PM _{2.5}	3.19	11.32			
		Sulfur Dioxide (6)	114.13	441.65			
		VOC	0.01	0.01			
		Silver	0.03	0.12			
		Arsenic	0.13	0.52			
		Barium	0.03	0.12			
		Beryllium	0.02	0.08			
		Cadmium	0.02	0.08			
		Chlorine	0.01	0.02			
		Chromium	0.67	2.82			
		Hydrogen Chloride	0.06	0.26			
		Mercury	0.0018	0.0041			
		Nickel	0.56	2.42			
Lead	0.06	0.24					
Antimony	0.03	0.12					
Selenium	0.05	0.20					
Thallium	0.02	0.08					
RACKFUG	Rack Process Fugitives (5)	VOC	0.01	0.01	2	2, 6	2
		Hydrogen Sulfide	0.01	0.01			
FUGRC	Railcar Piping and Components (5)	VOC	0.01	0.02	2	2, 6	2
		H ₂ SO ₄ (6)	0.01	0.01			

Footnotes:

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) H₂SO₄ - sulfuric acid mist

- NO_x - total oxides of nitrogen
 - PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
 - (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
 - (6) Prevention of Significant Deterioration pollutant





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT



A Permit Is Hereby Issued To
Rhodia Inc.
Authorizing the Construction and Operation of
The Baytown Sulfuric Acid Plant
Located at Baytown, Harris County, Texas
Latitude 29° 44' 53" Longitude 95° 0' 7"

Permit: 9565 and PSDTX695M3

Amendment Date : August 8, 2013

Renewal Date: August 8, 2023


For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code 116.116 (30 TAC 116.116)]
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC 116.115(b)(2)(A)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC 116.115(b)(2)(B)(iii)]
5. **Sampling Requirements.** If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates.** The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)]
9. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with 30 TAC 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC 116.115(b)(2)(G)]
10. **Compliance with Rules.** Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC 116.115(b)(2)(H)]
11. **This permit may not be transferred, assigned, or conveyed by the holder except as provided by rule.** [30 TAC 116.110(e)]
12. **There may be additional special conditions attached to a permit upon issuance or modification of the permit.** Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The permit holder shall comply with all the requirements of this permit.** Emissions that exceed the limits of this permit are not authorized and are violations of this permit.

Special Conditions

Permit Numbers 9565 and PSDTX695M3

Emission Standards

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.
2. These permitted facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency regulations in Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), promulgated for the following: **(PSD)**
 - A. Subparts A and Cd for Emission Guidelines and Compliance Times for Sulfuric Acid Production Units.
 - B. Subparts A and H for Sulfuric Acid Plants.
 - C. Alternative Monitoring Plan (AMP) for sulfur dioxide (SO₂) emissions.
3. The sulfuric acid (H₂SO₄) daily throughput is limited to 1,100 tons. The holder of this permit shall keep records of the daily H₂SO₄ production and the one-hour SO₂ emissions rates for each day of production. Records shall be made readily available to Texas Commission on Environmental Quality (TCEQ) personnel upon request, EPA personnel or any applicable local program with jurisdiction and may be used to determine compliance with the SO₂ emission limits specified in the maximum allowable emissions rates table (MAERT). **(PSD)**
4. The SO₂ emissions from the H₂SO₄ plant stack designated as Emission Point Number (EPN) 1 shall not exceed 2.49 pounds per ton of acid produced on an hourly basis. The SO₂ emissions from the H₂SO₄ plant stack designated as Emission Point No. EPN 1 shall not exceed 2.20 pounds per ton of acid produced on an annual basis. Production is expressed as 100 percent H₂SO₄. Records shall be updated once a week to demonstrate compliance with each production parameter. **(PSD)**
5. Sulfuric acid mist, expressed as H₂SO₄, shall not be discharged from the H₂SO₄ acid plant stack designated as EPN 1 in excess of 0.15 pounds per ton of acid produced on an hourly basis. Sulfuric acid mist, expressed as H₂SO₄, shall not be discharged from EPN 1 in excess of 0.10 pounds per ton of acid produced on an annual basis. Production is expressed as 100 percent H₂SO₄. Records shall be updated once a week to demonstrate compliance with each production parameter. **(PSD)**

6. Any construction of new equipment that occurs for the use of adding a new chemical is not allowed through this special condition. New chemical(s) may be added through use of a permit by rule claim and/or registration under 30 TAC Chapter 106.
- A. Short-term (pounds per hour [lb/hr]) and annual (tons per year) emissions and calculations shall be completed for each chemical at each affected source; emission rates shall be calculated in accordance with the methods documented in the permit amendment application. The calculated emission rates shall not exceed the maximum allowable emission rate at any emission point.
- B. The Effect Screening Level (ESL) for the chemical shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Division.
- C. The total emissions of any compound from all emission points in this permit must satisfy one of the following conditions:

- (1) The total maximum emission rate from all sources is less than 0.04 lb/hr and the ESL greater than 2 ug/m³;

$$(ER/ESL)_N \leq (ER/ESL)_E$$

$(ER/ESL)_N$ = plant wide maximum hourly emission rate based on maximum vapor pressure of new compound(s) divided by its ESL.

$(ER/ESL)_E$ = the highest ratio of any previously authorized compounds plant wide hourly emission rate based on maximum vapor pressure divided by its ESL (i.e., 0.261).

- D. The permit holder shall maintain records of the information below and the demonstrations in steps A through C above. The following documentation is required for each compound:
- (1) Chemical name(s), composition, and chemical abstract registry number if available.
 - (2) Molecular weight.
 - (3) Storage tanks, loading areas, and loading fugitive areas where the material is to be handled and the emission control device to be utilized.
 - (4) Date new compound handling commenced.
 - (5) Material Safety Data Sheet.

Special Conditions

Permit Numbers 9565 and PSDTX695M3

Page 3

7. The H₂SO₄ furnace shall be operated with not less than 0.5 percent excess oxygen (O₂) and not more than 2400°F furnace exit temperature, averaged hourly. Above 1800°F, excess O₂ shall not exceed 3 percent, averaged hourly. The furnace outlet temperature and O₂ content shall be continuously monitored and recorded.

Initial Determination of Compliance

8. Sampling ports and platform(s) shall be incorporated into the design of EPN 1 according to the specifications set forth in the attachment entitled "Chapter 2, Stack Sampling Facilities" of the TCEQ Sampling Procedures Manual. Alternate sampling facility designs must be submitted for approval to the TCEQ Regional Director.
9. The holder of this permit shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the stack designated as EPN 1. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. **(PSD)**
 - A. Sampling shall be conducted in accordance with Title 40 Code of Federal Regulations (40 CFR) Part 60, Appendix A, Method 7, "Determination of Nitrogen Oxide (NO_x) Emissions from Stationary Sources" and Method 8, "Determination of SO₂ and H₂SO₄ Emissions from Stationary Sources" and Method 10, "Determination of Carbon Monoxide (CO) Emissions from Stationary Sources" and other applicable testing methods.
 - B. The appropriate TCEQ Regional Office in the region where the source is located and applicable local air program(s) shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting.

The notice shall include:

- (1) Date for pretest meeting.
- (2) Date sampling will occur.
- (3) Name of firm conducting sampling.
- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports.

A written proposed description of any deviation from sampling procedures specified in permit provision or the TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Office Director or the Director of the TCEQ in Austin shall approve or disapprove of any deviation from specified sampling procedures.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standard testing which must have EPA approval shall be submitted to the TCEQ Regional Office.

- C. Air contaminants emitted from the H₂SO₄ acid plant stack designated as EPN 1 to be tested for include (but are not limited to) chlorine, CO, H₂SO₄, HCl, NO_x and SO₂, H₂SO₄ mist, antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, silver and thallium. These stack testing results shall be used to demonstrate compliance with Special Condition Nos. 1, 4, and 5.
- D. Stack testing of EPN 1 shall be completed between 90 days and 180 days after permit amendment approval in 2009. Sampling shall occur at such other times as may be required by the Executive Director of the TCEQ. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 and 40 CFR Part 61 requires prior approval and requests shall be submitted to the TCEQ Regional Office.
- E. The sulfuric acid plant shall be sampled while operating at the maximum possible safe production rate (as determined by the permit holder) for the H₂SO₄ production unit at the time of testing. The H₂SO₄ production rate shall be monitored and recorded during the stack test. If the normal production rate of H₂SO₄ from this facility exceeds by more than 10 percent the tons per day maintained during sampling, the company must notify, in writing, the appropriate TCEQ Regional Office and the source may be subject to additional sampling to demonstrate continued compliance.
- F. Copies of the final sampling report shall be forwarded to the TCEQ and the EPA within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the appropriate TCEQ Regional Office.

One copy to each appropriate local air pollution control program.
One copy to the Air Enforcement Branch, the EPA, Region 6, Dallas.

Continuous Demonstration of Compliance

10. At no time shall the hourly average ammonia (NH₃) liquor feed rate into the H₂SO₄ plant exceed 65 gallons per minute (gpm).
11. The holder of this permit shall install, calibrate, maintain and operate a continuous monitor to measure and record the feed rate of NH₃ liquor into the H₂SO₄ plant. The monitoring data shall be reduced to hourly average flow rates at least once everyday.

Semiannual reports of all excessive feed rates and monitor downtime shall be submitted to the appropriate TCEQ Regional Office. These reports shall include the information described in 40 CFR § 60.7(c).

All monitoring data, quality assurance data, excessive feed rate data and monitor downtime data shall be maintained by the source for a period of two years and shall be made readily available to the TCEQ or the EPA upon request.

12. At no time shall the hourly rolling average of hydrogen sulfide gas flow to the furnace exceed 150,000 standard cubic feet per hour.
13. The holder of this permit shall install, calibrate, maintain and operate a continuous emission monitoring system (CEMS) to measure and record the in-stack concentration of SO₂ from EPN 1. **(PSD)**
 - A. The CEMS calibration shall be checked daily and the CEMS shall be zeroed and spanned using cylinder gas at least once a week and corrective action taken when the results differ by greater than ±5 percent from the tagged cylinder gas value.
 - B. The monitoring data shall be reduced to one-hour average concentrations at least once every month using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of the permit allowable emissions rates in pounds of SO₂ per hour at least once every month.
 - C. All monitoring data and quality-assurance data shall be maintained by the source for a period of two years and shall be made readily available to TCEQ

personnel, EPA personnel or any local program with jurisdiction upon request. The data from the CEMS may, at the discretion of the TCEQ, EPA personnel or any local program with jurisdiction, be used to determine compliance with the SO₂ emission limits specified in MAERT.

- D. The CEMS must operate at all times when sulfur bearing compounds (except natural gas) are being fed to the furnace, but need not operate during CEMS breakdown, repairs for calibration checks and zero span adjustments.
- E. CEMS shall be used to demonstrate compliance with the SO₂ emission limits as found in Special Condition No. 4. The permit holder must meet the quality assurance procedures required by 40 CFR Part 60 Appendix F or any alternate procedures specified in the AMP shown as Attachment I.
 - (1) The SO₂ CEMS shall monitor and record the three hour arithmetic average (not weighted by production volume) SO₂ emission rate in units of pounds per ton of one hundred percent acid produced.
 - (2) The SO₂ CEMS shall monitor and record the SO₂ emission rate averaged (arithmetic average, not weighted by production) over all operation hours in each 365 day period in units of pounds per ton of one hundred percent acid produced.
 - (3) Implementation of the monitoring requirements has been defined in the AMP for the SO₂ CEMS system.
 - (4) The AMP supersedes the corresponding SO₂ monitoring requirements of NSPS Subpart H.
 - (5) All steps necessary to avoid CEMS breakdowns and minimize CEMS down time must be taken. This shall include, but is not limited to, operating and maintaining the CEMS in accordance with best practices and maintaining an on-site inventory of spare parts or other supplies necessary to make rapid repairs of the equipment.
 - (6) In the event of an CEMS downtime lasting longer than twenty-four hours, the permittee shall demonstrate compliance with the emission limits established in Special Condition No. 4 according to the procedures specified in the AMP shown as Attachment I.

Compliance Assurance Monitoring

14. The following requirements apply to ammonia scrubber capture system for EPN 1.
 - A. If used to control pollutants like SO₂, the permit holder shall conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system.
 - B. The control device shall not have a bypass.
 - C. If any of the above inspections are not satisfactory, the permit holder shall promptly take necessary corrective action.

15. The minimum liquid flow to the ammonia scrubber shall be 650 gpm. The circulation rate shall be monitored and recorded at least once a day. The liquid flow rate shall be recorded at least once an hour. The flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value.

The pH shall be analyzed and recorded at least once a day from the NH₃ scrubber. The minimum allowable pH in the NH₃ scrubber is 4.5. The pH monitoring device shall be cleaned with an automatic cleaning system or cleaned weekly using hydraulic, chemical or mechanical cleaning. The pH monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least weekly, whichever is more frequent and shall be accurate to within 0.5 pH unit.

Quality assured (or valid) data must be generated when the H₂SO₄ production unit is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in hours) that the H₂SO₄ production unit operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgement and the methods used recorded.

Dated August 8, 2013

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9565 and PSDTX695M3

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
1	Scrubber Exhaust	Carbon Monoxide	5.50	24.09
		H ₂ SO ₄ (6)	6.88	20.08
		Ammonia	0.40	1.70
		NO _x	19.75	54.91
		PM ₁₀	3.19	11.32
		PM _{2.5}	3.19	11.32
		Sulfur Dioxide (6)	114.13	441.65
		VOC	0.01	0.01
		Silver	0.03	0.12
		Arsenic	0.13	0.52
		Barium	0.03	0.12
		Beryllium	0.02	0.08
		Cadmium	0.02	0.08
		Chlorine	0.01	0.02
		Chromium	0.67	2.82
		Hydrogen Chloride	0.06	0.26
		Mercury	0.0018	0.0041
Nickel	0.56	2.42		
Lead	0.06	0.24		
Antimony	0.03	0.12		

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
		Selenium	0.05	0.20
		Thallium	0.02	0.08
RACKFUG	Rack Process Fugitives (5)	VOC	0.01	0.01
		Hydrogen Sulfide	0.01	0.01
FUGRC	Railcar Piping and Components (5)	VOC	0.01	0.02
		H ₂ SO ₄ (6)	0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) H₂SO₄ - sulfuric acid mist
 NO_x - total oxides of nitrogen
 PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Prevention of Significant Deterioration pollutant

Date: August 8, 2013

FEDERAL OPERATING PERMIT - TECHNICAL REVIEW SUMMARY

SITE OPERATING PERMIT (SOP) RENEWAL

Permit #:	O1610	Company:	Eco Services Operations LLC
Project #:	18273	Site:	Eco Services Operations Baytown Plant
Account #:	HG-0696-Q	Application Area:	Baytown Plant
Regulated Entity #:	RN100211317	Customer #:	CN604683482
Region:	12	County:	Harris
SIC Code:	2819	SIC Name:	Industrial Inorganic Chemicals
Permit Reviewer:	Whitney Hill		

SITE INFORMATION

Physical Location: Last industrial facility on Park Street; surrounded by ExxonMobil Baytown operations.
3439 Park Street

Nearest City: Baytown

Major Pollutants: NOX, SO2

Additional FOPs: None

PROJECT SUMMARY

Eco Services Operations, LLC's Baytown Plant last renewed the site's Site Operating Permit (SOP) on January 25, 2008. On July 24, 2012, Eco Services Operations, LLC submitted a timely renewal application. This application was placed on management delay because a significant revision submitted January 20, 2012 was incorporating a major modification to the site's Prevention of Significant Deterioration (PSD) permit and a revision to the site's case-by-case NSR permit. The major modification to the PSD permit was effective on August 08, 2013 and the case-by-case NSR permit was effective on November 24, 2014. That significant revision is incorporated into this renewal project. Significant emission sources include loading and unloading operations, package boilers, process heaters, sulfuric acid production, storage tanks, and preheaters. Compliance assurance monitoring is included in the permit. The FOP includes general and special terms and conditions and unit-specific applicable requirements which were identified using information provided by the applicant in various forms (OP-SUMR, OP-1, OP-2, OP-REQ1, OP-MON, and various Unit Attribute forms).

PROCESS DESCRIPTION

This site is a sulfuric acid manufacturing plant. The PRO-REGEN unit is the heart of the plant which is designed to produce fresh sulfuric acid (H₂SO₄) from reacted sulfuric acids or "sludges" produced by refineries and/or chemical plants. Hydrogen sulfide gas (H₂S) and natural gases are burned to maintain proper operating parameters and sulfur dioxide (SO₂) strengths.

The sludge and sulfur gas are sprayed into a combustion furnace (2000F) where the hydrocarbons and sulfur are burned and the spent sulfuric acid is decomposed. The combustion gases pass through a boiler for heat recovery and then through a scrubbing tower, a direct contact gas cooler (660F), two electrostatic precipitators, and a drying tower.

The SO₂ gas is combined with oxygen in a vanadium substrate catalytic converter to convert the SO₂ into sulfur trioxide (SO₃). From the converter the gas is finally sent to an absorbing tower where SO₃ reacts with water to form sulfuric acid. The gas that exits from the tower is passed through a mist removal element where any entrained acid is removed. The final gas stream enters an ammonia scrubber that reduces the concentration of un-reacted SO₂ gas. The tail gas is exhausted to the atmosphere.

TECHNICAL REVIEW

Permit Content Summary

1. Was Periodic Monitoring (PM) required and included in the permit?No
2. Was Compliance Assurance Monitoring (CAM) required and included in the permit? Yes
3. Was case-by-case PM or CAM included in the permit?No
4. Was a permit shield requested?..... Yes
5. If a permit shield was requested, was any permit shield request denied?.....No
6. Identify if the following are applicable for this project:
 - (a) Manually-built applicable requirements.....No
 - (b) Customized Special Terms and ConditionsNo
 - (c) Manual changes to the IMS-generated applicable requirements.....No
 - (d) Alternate means of compliance for any emission unit/source at the siteNo
7. Is the site subject to the requirements of 40 CFR Part 72 (Acid Rain Permit)?No
8. Did the applicant's review/comments on the working draft permit result in changes to the permit content?..... Yes
9. Will the draft permit be sent to public notice with unresolved issues (i.e., disagreements with applicant)?.....No

Permit reviewer notes:

CAM is included in the permit for emission PRO-REGEN for monitoring SO₂ for 40 CFR Part 60, Subpart H.

All of the permit shields submitted or existing in the permit were reviewed and approved.

Manually built applicability was removed for unit 1 for 20 TAC Chapter 112 and the PSD applicability.

A major NSR summary table was included in the permit for PSD TX695M3.

During WDP review, the applicant requested to update the 30 TAC Chapter 112 requirements for PRO-REGEN.

Statement of Basis

A Statement of Basis sets forth the legal and factual basis for the applicable requirements that are included in the FOP.

1. The Statement of Basis was prepared on January 28, 2016.
2. The Statement of Basis GroupWise Document # (OPDP Database) is 77048.

Compliance History Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on August 28, 2015.

Site rating: 0.17 Company rating: 1.19
(High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)

2. Has the permit changed on the basis of the compliance history or site/company rating?No

Permit reviewer notes:

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS?No
2. Is a compliance plan and schedule included in the permit?No

Permit reviewer notes:

When the renewal application was submitted initially with a compliance plan, however, an updated OP-ACPS was submitted on November 05, 2015 that showed the site was in compliance. A compliance plan and schedule was not included in the permit.

Delinquent Fee Check

- 1. The delinquent fee check was performed on January 29, 2016.
- 2. Were there any delinquent fees owed?No

Permit reviewer notes:

Public Notice Information

- 1. Were comments received from the applicant after the draft permit was mailed and before Public Notice was published? Yes/No
- 2. Was a revised draft permit or public notice authorization package (PN-Errata) sent for any reason? Yes/No
- 3. Publication date: _____ Newspaper name: _____
- 4. Was bilingual public notice published? Yes/No/NA
Publication date: _____ Newspaper name: _____
- 5. Were comments received during Public Notice period?..... Yes/No
 - (a) Was a public hearing requested? Yes/No
 - (b) Was a public hearing held? Yes/No
 - (c) Was the public hearing request withdrawn?..... Yes/No
 - (d) Was permit content changed as a result of any public comments? Yes/No
- 6. Was re-publication necessary? Yes/No

Permit reviewer notes:

EPA Review

- 1. Did EPA comment on the draft permit? Yes/No
- 2. Was a separate NOPP - Notice of Proposed Permit sent to the EPA? Yes/No
If yes, did the EPA comment on the proposed permit? Yes/No
- 3. Were any changes made to the permit after the EPA Review Period? Yes/No
If yes, were these changes made within the 60 day Public Petition Period? Yes/No

Permit reviewer notes:

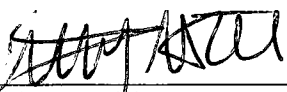
IMPORTANT MILESTONES

Milestone (Standard)	Start Date	End Date
Date Application Received by TCEQ	07/24/2012	
Date Project Received by Engineer	07/30/2012	
Technical Review Period	07/09/2015	01/28/2016
Working Draft Permit Reviewed by Applicant	08/31/2015	09/18/2015

Date PNAP/Draft Permit Mailed		
Public Notice Comment Period		
EPA Review Period		
Date Sign Posting Certification Received		

Milestone (Optional)	Start Date	End Date
Deficiency Cycle 1		
Deficiency Cycle 2		
Request for Comments on Compliance Plan		
Date Comment on Draft Permit Received from Public		
Date comment on Draft Permit Received from EPA		
Date Public Hearing Requested		
Date Public Hearing Held		

EFFECTIVE PERMIT ISSUANCE DATE:


 Whitney Hill
 Permit Reviewer
 Operating Permits Section
 Air Permits Division

2/17/16
 Date

Javier Maldonado, P.E.
 Team Leader
 Operating Permits Section
 Air Permit Division

Date

CONTACT INFORMATION

Responsible Official:

Mark Mcfadden
 Vice President And Secretary
 Eco Services Operations LLC
 245 Park Ave 16th Floor C/o Ccmp Capital Advisors
 New York, NY 10167-0002

Duly Authorized Representative:

William J. Mcconnell
 Plant Manager
 Eco Services Operations LLC
 8615 Manchester St
 Houston, TX 77012-2142

Technical Contact:

Floyd Dickerson
 Environmental Manager
 Eco Services Operations LLC
 8615 Manchester St
 Houston, TX 77012-2142
 Phone: (713) 924-1408
 Email: floyd.dickerson@eco-services.com

Permit Consultant:

<Name>
 <Title>
 <Company>
 <Address>
 Phone: <Phone>
 Email: <Email>



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

AIR PERMITS DIVISION
FEB 01 2016
RECEIVED

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION					
RN: 100211317		CN: 604683482		Account No.: HG-0696-Q	
Permit No.: O-1610			Project No.: 18273		
Area Name: Baytown Plant			Company Name: Eco Services Operations LLC		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>					
<input type="checkbox"/> Responsible Official			<input checked="" type="checkbox"/> Duly Authorized Representative		
III. SUBMITTAL TYPE <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input checked="" type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
IV. CERTIFICATION OF TRUTH					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>William McConnell</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i>					
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From <u>08/11/15</u> to <u>1/26/2016</u> <i>Start Date</i> <i>End Date</i>					
Specific Dates: _____ <i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i>					
Signature: <u>William McConnell</u>			Signature Date: <u>1/26/16</u>		
Title: <u>Plant Manager</u>					

Statement of Basis of the Federal Operating Permit

Eco Services Operations LLC

Site Name: Eco Services Operations Baytown Plant

Area Name: Baytown Plant

Physical Location: Last Industrial Facility On Park Street; Surrounded By Exxonmobil Baytown Operations.

3439 Park Street

Nearest City: Baytown

County: Harris

Permit Number: O1610

Project Type: Renewal

Standard Industrial Classification (SIC) Code: 2819

SIC Name: Industrial Inorganic Chemicals

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document may include the following information:

- A description of the facility/area process description;
- A basis for applying permit shields;
- A list of the federal regulatory applicability determinations;
- A table listing the determination of applicable requirements;
- A list of the New Source Review Requirements;
- The rationale for periodic monitoring methods selected;
- The rationale for compliance assurance methods selected;
- A compliance status; and
- A list of available unit attribute forms.

Prepared on: January 28, 2016

Operating Permit Basis of Determination

Permit Area Process Description

This site is a sulfuric acid manufacturing plant. The PRO-REGEN unit is the heart of the plant which is designed to produce fresh sulfuric acid (H₂SO₄) from reacted sulfuric acids or “sludges” produced by refineries and/or chemical plants. Hydrogen sulfide gas (H₂S) and natural gases are burned to maintain proper operating parameters and sulfur dioxide (SO₂) strengths.

The sludge and sulfur gas are sprayed into a combustion furnace (2000F) where the hydrocarbons and sulfur are burned and the spent sulfuric acid is decomposed. The combustion gases pass through a boiler for heat recovery and then through a scrubbing tower, a direct contact gas cooler (660F), two electrostatic precipitators, and a drying tower.

The SO₂ gas is combined with oxygen in a vanadium substrate catalytic converter to convert the SO₂ into sulfur trioxide (SO₃). From the converter the gas is finally sent to an absorbing tower where SO₃ reacts with water to form sulfuric acid. The gas that exits from the tower is passed through a mist removal element where any entrained acid is removed. The final gas stream enters an ammonia scrubber that reduces the concentration of un-reacted SO₂ gas. The tail gas is exhausted to the atmosphere.

FOPs at Site

The “application area” consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	SO ₂ , NOX
------------------	-----------------------

Reading State of Texas’s Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as “applicable requirements”) that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
 - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

- Additional Monitoring Requirements
- New Source Review Authorization Requirements
- Compliance Requirements
- Protection of Stratosphere Ozone
- Permit Location
- Permit Shield (30 TAC § 122.148)
- Attachments
 - Applicable Requirements Summary
 - Unit Summary
 - Applicable Requirements Summary
 - Additional Monitoring Requirements
 - Permit Shield
 - New Source Review Authorization References
 - Compliance Plan
 - Alternative Requirements
- Appendix A
 - Acronym list
- Appendix B
 - Copies of major NSR authorizations

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the "index number," detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Appendix B

Copies of major NSR authorizations applicable to the units covered by this permit have been included in this Appendix, to ensure that all interested persons can access those authorizations.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed either before or after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3.A. for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	Yes
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	No

40 CFR Part 63 - NESHAPs for Source Categories	No
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CAIR (Clean Air Interstate Rule)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the "Permit Shield" attachment of the permit.

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.

14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or, in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*
GRPACIDTNK	30 TAC Chapter 115, Storage of VOCs	R5112-0001	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor destruction unit</p>
GRPACIDTNK	40 CFR Part 60, Subpart K	60K-0003	<p>Construction/Modification Date = On or before June 11, 1973</p>
T-16	30 TAC Chapter 115, Storage of VOCs	R5112-0004	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a vapor recovery system (VRS)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p> <p>Control Device Type = Other vapor destruction unit</p>
T-16	40 CFR Part 60, Subpart K	60K-0003	<p>Construction/Modification Date = On or before June 11, 1973</p>
BARGE-DOCK	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0001	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure less than 0.5 psia.</p>
BARGE-DOCK	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0002	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.</p> <p>Daily Throughput = Loading less than 20,000 gallons per day.</p>
PREHTRSTK	30 TAC Chapter 117, Subchapter B	R7ICI-0001	<p>Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.</p> <p>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>Unit Type = Process heater</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option</p> <p>Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.</p> <p>CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS.</p> <p>NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average</p> <p>NOx Reduction = No NO_x control method</p> <p>Fuel Type #1 = Natural gas</p> <p>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]</p> <p>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)</p>
PKGBOILSTK	30 TAC Chapter 117, Subchapter B	R71CI-0001	<p>NOx Emission Limitation = Title 30 TAC § 117.310(d)(3) [relating to mass emissions cap and trade in 30 TAC Chapter 101, Subchapter H, Division 3 and Emission Specifications for Attainment Demonstration].</p> <p>Unit Type = Other industrial, commercial, or institutional boiler.</p> <p>Maximum Rated Capacity = MRC is greater than 2 MMBtu/hr but less than 40 MMBtu/hr.</p> <p>NOx Monitoring System = Maximum emission rate testing.</p> <p>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).</p> <p>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option.</p> <p>CO Monitoring System = Monitored by method other than CEMS or PEMS.</p> <p>EGF System Cap Unit = The unit is not used as an electric generating facility to generate electricity for sale to the electric grid.</p> <p>Fuel Type #1 = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases.</p> <p>NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average.</p> <p>NOx Reductions = No NO_x reduction.</p>
PKGBOILSTK	40 CFR Part 60, Subpart Dc	60Dc-001	<p>Construction/Modification Date = After February 28, 2005.</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO₂ Inlet Monitoring Type = No SO₂ monitoring.</p> <p>Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO₂ Outlet Monitoring Type = No SO₂ monitoring.</p> <p>Heat Input Capacity = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW).</p> <p>Technology Type = None.</p> <p>D-Series Fuel Type = Other fuel.</p> <p>47C-Option = COMS exemption § 60.47c(f) for a facility that burns only gaseous fuels or fuel oils that contain less than or equal to 0.5 weight percent sulfur and operates according to a written site-specific monitoring plan approved by the permitting authority.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
BTCT	40 CFR Part 63, Subpart Q	63Q-0001	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.
DOCKVC	30 TAC Chapter 117, Subchapter B	R7ICI-0002	Maximum Rated Capacity = MRC is less than 40 MMBtu/hr
PRO-REGEN	30 TAC Chapter 112, Sulfur Compounds	REG2-002	Facility Type = Sulfuric acid plant that burns alkylation acid, hydrogen sulfide, organic sulfides, mercaptans, or acid sludge by contact process. Effective Stack Height = The effective stack height is not less than the standard effective stack height. Production Capacity = Production capacity is greater than 300 tons per day (expressed as 100 percent acid). Facility Use = The plant is not used exclusively as a sulfur dioxide control system, chamber process plant, acid concentrator, or oleum transfer and storage facility.
PRO-REGEN	40 CFR Part 60, Subpart H	60H-001	Construction/Modification Date = After August 17, 1971. Process Design = The source does not process elemental sulfur or an ore that contains elemental sulfur, or processes elemental sulfur or an ore that contains elemental sulfur and does not use air to supply oxygen.

* - The "unit attributes" or operating conditions that determine what requirements apply

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

The status of air permits and applications and a link to the Air Permits Remote Document Server is located at the following Web site:

www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX695M3	Issuance Date: 08/08/2013
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 56534	Issuance Date: 11/24/2014
Authorization No.: 86388	Issuance Date: 10/29/2008
Authorization No.: 9565	Issuance Date: 08/08/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 03/14/1997
Number: 7	Version No./Date: 09/12/1989

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sandblasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Compliance Assurance Monitoring (CAM):

Compliance Assurance Monitoring (CAM) is a federal monitoring program established under Title 40 Code of Federal Regulations Part 64 (40 CFR Part 64).

Emission units are subject to CAM requirements if they meet the following criteria:

1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and
3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

The following table(s) identify the emission unit(s) that are subject to CAM:

Unit/Group/Process Information	
ID No.: PRO-REGEN	
Control Device ID No.: AMMONIA SCRUBB	Control Device Type: SO2 Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart H	SOP Index No.: 60H-001
Pollutant: SO2	Main Standard: § 60.82(a)
Monitoring Information	
Indicator: pH	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum pH is 4.5	
Basis of CAM: A common way to control SO2 emissions from sources is by the use of a wet scrubber. Many parameters established either by the manufacturer's recommendations or a recent performance test may be monitored to ensure compliance. These parameters may include gas residence time, gas velocities, gas and liquid temperatures, gas and liquid pressure drop, pH and the liquid/gas flow rate ratio ensure that the control device is operating properly.	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Unit/Group/Process Information	
ID No.: PRO-REGEN	
Control Device ID No.: AMMONIA SCRUBB	Control Device Type: SO2 Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart H	SOP Index No.: 60H-001
Pollutant: SO2	Main Standard: § 60.82(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: Minimum liquid flow rate is 650 gallons per minute	
Basis of CAM: A common way to control SO2 emissions from sources is by the use of a wet scrubber. Many parameters established either by the manufacturer's recommendations or a recent performance test may be monitored to ensure compliance. These parameters may include gas residence time, gas velocities, gas and liquid temperatures, gas and liquid pressure drop, pH and the liquid/gas flow rate ratio ensure that the control device is operating properly.	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on August 28, 2015.

Site rating: 0.17 Company rating: 1.19

(High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)

2. Has the permit changed on the basis of the compliance history or site/company rating?No

Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS?No

2. Is a compliance plan and schedule included in the permit?.....No

Available Unit Attribute Forms

- OP-UA1 - Miscellaneous and Generic Unit Attributes
- OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
- OP-UA3 - Storage Tank/Vessel Attributes
- OP-UA4 - Loading/Unloading Operations Attributes
- OP-UA5 - Process Heater/Furnace Attributes
- OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
- OP-UA7 - Flare Attributes
- OP-UA8 - Coal Preparation Plant Attributes
- OP-UA9 - Nonmetallic Mineral Process Plant Attributes
- OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
- OP-UA11 - Stationary Turbine Attributes
- OP-UA12 - Fugitive Emission Unit Attributes
- OP-UA13 - Industrial Process Cooling Tower Attributes
- OP-UA14 - Water Separator Attributes
- OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
- OP-UA16 - Solvent Degreasing Machine Attributes
- OP-UA17 - Distillation Unit Attributes
- OP-UA18 - Surface Coating Operations Attributes
- OP-UA19 - Wastewater Unit Attributes
- OP-UA20 - Asphalt Operations Attributes
- OP-UA21 - Grain Elevator Attributes
- OP-UA22 - Printing Attributes
- OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
- OP-UA25 - Synthetic Fiber Production Attributes
- OP-UA26 - Electroplating and Anodizing Unit Attributes
- OP-UA27 - Nitric Acid Manufacturing Attributes
- OP-UA28 - Polymer Manufacturing Attributes
- OP-UA29 - Glass Manufacturing Unit Attributes
- OP-UA30 - Kraft, Soda, Sulfit, and Stand-Alone Semicheical Pulp Mill Attributes
- OP-UA31 - Lead Smelting Attributes
- OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
- OP-UA33 - Metallic Mineral Processing Plant Attributes
- OP-UA34 - Pharmaceutical Manufacturing
- OP-UA35 - Incinerator Attributes
- OP-UA36 - Steel Plant Unit Attributes
- OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
- OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
- OP-UA39 - Sterilization Source Attributes
- OP-UA40 - Ferroalloy Production Facility Attributes

OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes

Whitney Hill

From: David Laurie <David.Laurie@eco-services.com>
Sent: Tuesday, January 26, 2016 4:29 PM
To: Whitney Hill
Subject: Title V O-1610
Attachments: OP-CRO1 1-2016.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Project Update

Whitney,

Attached is the updated OP-CRO1 for the revised forms that have been submitted.

What mailing address should I send the form so that it is received for your files?

David Laurie
Environmental Engineer

Eco Services Operations LLC
8615 Manchester St.
Houston Tx, 77012
713 924 1484



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION					
RN: 100211317		CN: 604683482		Account No.: HG-0696-Q	
Permit No.: O-1610			Project No.: 18273		
Area Name: Baytown Plant			Company Name: Eco Services Operations LLC		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>					
<input type="checkbox"/> Responsible Official			<input checked="" type="checkbox"/> Duly Authorized Representative		
III. SUBMITTAL TYPE <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input checked="" type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
IV. CERTIFICATION OF TRUTH					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>William McConnell</u> certify that I am the <u>DAR</u>					
<i>(Certifier Name printed or typed)</i>			<i>(RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From <u>08/11/15</u> to <u>1/26/2016</u>					
			<i>Start Date</i>		
			<i>End Date</i>		
Specific Dates: _____					
<i>Date 1</i>		<i>Date 2</i>		<i>Date 3</i>	
<i>Date 4</i>		<i>Date 5</i>		<i>Date 6</i>	
Signature: <u>William McConnell</u>			Signature Date: <u>1/26/16</u>		
Title: <u>Plant Manager</u>					

Whitney Hill

From: David Laurie <David.Laurie@eco-services.com>
Sent: Friday, January 22, 2016 4:40 PM
To: Whitney Hill
Subject: OP-UA43 2016-0118 1847.docx
Attachments: OP-UA43 2016-0118 1847.docx

Categories: Project Update

Ms. Hill,

Attached is the UA43 form. The facility use has been answered "NO" to indicate that the exemption in 112.41(b)(2) is not applicable.

Assuming this is the final form correction we have to make, I will have a new OP-CRO1 signed by our plant manager first thing next week to cover the changes we've made from 8/11/15 to present.

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

Whitney Hill

From: Whitney Hill
Sent: Thursday, January 14, 2016 1:48 PM
To: 'David Laurie'
Subject: RE: Baytown Title V O1610 updated forms

David,

CAM for 30 TAC Ch 112 is not required. The applicable requirements include a requirement for the CEMS to be continuously monitored. At this point I think that was the only outstanding issue left and you can send the OP-CRO1. Please send this by January 21, 2016.

Thanks,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-1400

From: David Laurie [<mailto:David.Laurie@eco-services.com>]
Sent: Tuesday, December 29, 2015 2:13 PM
To: Whitney Hill
Subject: FW: Baytown Title V O1610 updated forms

Ms. Hill,

When we spoke about the comments I had on the draft permit you indicated that the OP-MON table would need to be modified to represent the CAM for 40 CFR Subpart H and 30 TAC 112 and OP-SUMR table would need to be modified to represent the PREHTRSTK authorization, but I cannot determine what needs to be changed from our previous representation.

I am still reviewing the change in regulation representation with our consultant pertaining to my second question/comment regarding the change in 30 TAC 112.41 change.

Thank you,

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: David Laurie
Sent: Monday, October 19, 2015 11:36 AM

To: 'Whitney Hill'

Subject: Baytown Title V O1610 updated forms

Ms. Hill,

Attached are the updated forms you requested.

David Laurie
Environmental Engineer

Eco Services Operations LLC
8615 Manchester St.
Houston Tx, 77012
713 924 1484

Whitney Hill

From: David Laurie <David.Laurie@eco-services.com>
Sent: Tuesday, December 29, 2015 2:13 PM
To: Whitney Hill
Subject: FW: Baytown Title V O1610 updated forms
Attachments: OP-CRO1 10-15.pdf; Eco Services - FOP Renewal Application Review - Oct 8. Update.pdf; Major NSR Summary Table - Permit Number 9565 2015-1007 1147.doc

Categories: Project Update

Ms. Hill,

When we spoke about the comments I had on the draft permit you indicated that the OP-MON table would need to be modified to represent the CAM for 40 CFR Subpart H and 30 TAC 112 and OP-SUMR table would need to be modified to represent the PREHTRSTK authorization, but I cannot determine what needs to be changed from our previous representation.

I am still reviewing the change in regulation representation with our consultant pertaining to my second question/comment regarding the change in 30 TAC 112.41 change.

Thank you,

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: David Laurie
Sent: Monday, October 19, 2015 11:36 AM
To: 'Whitney Hill'
Subject: Baytown Title V O1610 updated forms

Ms. Hill,

Attached are the updated forms you requested.

David Laurie
Environmental Engineer

Eco Services Operations LLC
8615 Manchester St.
Houston Tx, 77012
713 924 1484

Whitney Hill

From: Whitney Hill
Sent: Friday, December 18, 2015 11:39 AM
To: 'David Laurie'; Floyd Dickerson
Subject: RE: FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

David,

Based on our conversation this morning, I have the following response. Please submit any new information by January 4, 2016.

Thank you,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-1400

Any OP-CRO1 submitted is required to be the original version.

1. I did not see the inclusion of the following language requested by EPA Region 6
The EPA Region 6 has requested that the following language be included in our Title V permit before they will agree to terminate our current consent decree. Please include the following language from the EPA:

"Future Emission Limits and Standards: As soon as practicable, but no later than ninety (90) days after the relevant Effective Date listed in Paragraph 11.i, Defendant shall submit administratively complete applications to the applicable federal, state or local agency to incorporate that emission limit or standard into federally-enforceable minor or major new source review permits or other permits that will ensure that the underlying emission limit or standard survives the termination of this Consent Decree."
This will be added to the permit.

2. Can you explain the change in applicability for Unit ID PRO-REGEN from 30TAC 112.41(b) and 30TAC 112.41(b)(1) to just 30TAC 112.41(b)(2) as well as the removal of the monitoring, testing, and recordkeeping requirements?

The requirements in the permit seem appropriate based on the flowchart and the unit attributes submitted. I'm not sure what "change" you are seeing. If there is an issue with the requirements, it needs to be more specific.

3. In the CAM summaries the previous Title V cited 30 TAC 112 and this draft cites 40 CFR Part 60, Subpart H. The monitoring requirements remain the same, but the regulatory citation changed. Can you explain that change? CAM is based on emission units. If CAM is required for other units in the permit, then it needs to be submitted on the OP-MON. Is there a unit that requires CAM and is not in the permit?

4. New Source Review Authorization References – Under Permits by Rule SE7 is still listed. This exemption is no longer applicable to any equipment at the Baytown site due to modifications of the equipment requiring reauthorization under the 106.183 permit by rule
This will be removed

5. New Source Review Authorization References by Emission Unit – The Unit ID PREHTRSTK is listed as authorized by SE7 and should be listed as authorized by 106.183. Submit the OP-SUMR. The version date of the PBR is also need.

From: David Laurie [mailto:David.Laurie@eco-services.com]
Sent: Thursday, December 10, 2015 12:07 PM
To: Whitney Hill; Floyd Dickerson
Subject: RE: FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

Whitney,

We have the follow comments on the draft permit you provided.

1. I did not see the inclusion of the following language requested by EPA Region 6
The EPA Region 6 has requested that the following language be included in our Title V permit before they will agree to terminate our current consent decree. Please include the following language from the EPA:

“Future Emission Limits and Standards: As soon as practicable, but no later than ninety (90) days after the relevant Effective Date listed in Paragraph 11.i, Defendant shall submit administratively complete applications to the applicable federal, state or local agency to incorporate that emission limit or standard into federally-enforceable minor or major new source review permits or other permits that will ensure that the underlying emission limit or standard survives the termination of this Consent Decree.”

2. Can you explain the change in applicability for Unit ID PRO-REGEN from 30TAC 112.41(b) and 30TAC 112.41(b)(1) to just 30TAC 112.41(b)(2) as well as the removal of the monitoring, testing, and recordkeeping requirements?
3. In the CAM summaries the previous Title V cited 30 TAC 112 and this draft cites 40 CFR Part 60, Subpart H. The monitoring requirements remain the same, but the regulatory citation changed. Can you explain that change?
4. New Source Review Authorization References – Under Permits by Rule SE7 is still listed. This exemption is no longer applicable to any equipment at the Baytown site due to modifications of the equipment requiring reauthorization under the 106.183 permit by rule
5. New Source Review Authorization References by Emission Unit – The Unit ID PREHTRSTK is listed as authorized by SE7 and should be listed as authorized by 106.183.

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: Whitney Hill [mailto:whitney.hill@tceq.texas.gov]
Sent: Thursday, December 03, 2015 2:11 PM
To: David Laurie; Floyd Dickerson
Subject: FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

I have updated the draft permit with the working draft permit comments. Please submit the OP-CRO1 to certify the new information submitted during the technical review by **December 10, 2015**. You can use the time period section of the form and the dates between August 11, 2015 and October 19, 2015. The original form must be submitted, however, if you email a copy before it goes in the mail, I am able to move the project along a little quicker.

Please let me know if you have any questions.

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality

M.C-163 P.O. Box 13087

Austin, TX 78711-3087

Whitney.Hill@tceq.texas.gov

Phone: (512) 239-1301

Fax: (512) 239-1400

Whitney Hill

From: Whitney Hill
Sent: Thursday, December 03, 2015 2:11 PM
To: 'David Laurie'; 'Floyd Dickerson'
Subject: FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant
Attachments: SOP.v.2.pdf

I have updated the draft permit with the working draft permit comments. Please submit the OP-CRO1 to certify the new information submitted during the technical review by **December 10, 2015**. You can use the time period section of the form and the dates between August 11, 2015 and October 19, 2015. The original form must be submitted, however, if you email a copy before it goes in the mail, I am able to move the project along a little quicker.

Please let me know if you have any questions.

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-1400

Whitney Hill

From: David Laurie <David.Laurie@eco-services.com>
Sent: Monday, October 19, 2015 11:36 AM
To: Whitney Hill
Subject: Baytown Title V O1610 updated forms
Attachments: OP-CRO1 10-15.pdf; Eco Services - FOP Renewal Application Review - Oct 8. Update.pdf; Major NSR Summary Table - Permit Number 9565 2015-1007 1147.doc

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Project Update

Ms. Hill,

Attached are the updated forms you requested.

David Laurie
Environmental Engineer

Eco Services Operations LLC
8615 Manchester St.
Houston Tx, 77012
713 924 1484



1001 West Loop South | Suite 640 | Houston, TX 77027 | P (713) 552-1371 | F (713) 552-1374

trinityconsultants.com

Trinity
Consultants

VIA E-MAIL : whitney.hill@tceq.texas.gov

October 8, 2015

Whitney Hill
Air Permits Division
Texas Commission on Environmental Quality
12100 Park 35 Circle, MC 163
Austin, TX 78753

RE: *Federal Operating Permit (FOP) Renewal Application Review*
Permit No. 01610 – TCEQ Project No. 18273
Eco Services Operations LLC – Baytown Plant
Customer Reference Number (CN) 604683482
Regulated Entity Reference Number (RN) 100211317

Dear Ms. Hill:

Eco Services Operations LLC (Eco Services), formerly Solvay USA Inc., owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The facility produces sulfuric acid by regenerating spent sulfuric acid (sulfuric acid received from petroleum refining and chemical processes that has been in contact with volatile organic compounds). The Baytown Plant currently operates under the Texas Commission on Environmental Quality (TCEQ) account number HG-0696-Q and is authorized by FOP 01610.

On behalf of Eco Services, Trinity Consultants (Trinity) is submitting this response to your requests for supplementary information requested via email on July 9 and August 31, 2015. The requests specified the submittal of the following materials:

1. Any forms that correspond to changes that have been made at the site since 2012

An OP-2 form is being included in Attachment 1 to account for changes that have taken place at the Baytown Plant since 2012. Revisions include the following:

- > NSR Permit No. 56534 has underwent a minor revision to update spent sulfuric acid composition and add PM_{2.5} emissions to EPN FILTERSTK.
- > The revision for Unit ID No. PREHTRSTK is being submitted to reflect its current NSR authorization.
- > It has also been determined that since Unit ID Nos. 1 and PRO-REGEN both encompass the entire acid making process, the permit could benefit by being streamlined via the removal of Unit ID No. 1. Title 30 TAC Chapter 112 and 40 CFR Subpart H applicability overlaps for both unit IDs; therefore, Eco Services is requesting that Unit ID No. 1 be deleted from the FOP. Included in Attachment 2 is the OP-SUMR form to document this change. To finalize the deletion of Unit ID. No. 1, form OP-UA43 (Attachment 3) is being submitted.
- > As part of the 2012 renewal application package, OP-MON forms were submitted with the purpose of deleting the two Periodic Monitoring requirements the Baytown Plant is subject to. Since that time, business conditions have changed such that the justifications for their removal are no longer be valid. Therefore, Eco Services is requesting that the previously submitted deletion request be considered void and not taken into consideration during the permit renewal process. This request is documented in the OP-2 by copying the 2012 revision language in strikethrough font.
- > Revisions are being submitted to request the removal of compliance schedules for PREHTRSTK stack testing requirements, as these corrective actions have already been completed.

Attachment 4 encloses form OP-CRO1, submitted to certify the aforementioned permit updates.

2. The most recent OP-REQ1

The most recent OP-REQ 1 is being included in Attachment 5. Updates to questions I.A.3 and I.C.2 should eliminate the need for the submission of the OP-UA15 form.

3. The OP-MON for CAM (if applicable) for units PRO-REGEN and 1 for 40 CFR Part 60, Subpart H for SO2

In consideration of the Unit ID No. 1 deletion request, an OP-MON form (Attachment 6) is being submitted only for unit PRO-REGEN for 40 CFR Part 60, Subpart H. An OP-MON form for PRO-REGEN for 30 TAC Chapter 112 is included as well as this CAM requirement was previously associated with Unit ID No. 1. Please note that although PRO-REGEN fits the "Large" definition, the selected CAM options (CAM-SS-009 and CAM-SS-010) are for "Small" sized units, as defined in the CAM guidance. The minimum monitoring period of once per week is determined to be allowable as documented via NSR Permit No. 9565, SCs 14 &15, as well as the current operating permit.

4. The OP-UA05 for emission units 1 and PREHTRSTK

Attachment 7 includes the OP-UA5 form, completed for units PREHTRSTK and PRO-REGEN (with the assumption that PRO-REGEN takes the place of the requested Unit ID No. 1). PRO-REGEN has been determined to be exempt from 30 TAC Chapter 117 requirements on the basis of the furnace being a sulfuric acid regeneration unit (30 TAC §117.303(a)(4)). This negative applicability is documented with the submission of an OP-REQ2 form (Attachment 8). Additionally, the OP-REQ2 includes unit PREHTRSTK's negative applicability for 40 CFR Part 63, Subpart DDDDD (better known as Boiler MACT).

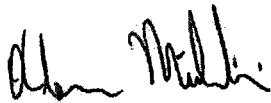
5. Major NSR Summary Table

The major NSR summary table for NSR Permit No. 9565 is being submitted as Attachment 9.

If you have any questions regarding this submittal or require additional information about this submittal, please feel free to contact David Laurie at (713) 924-1484.

Sincerely,

TRINITY CONSULTANTS



Adam Mielnicki
Senior Consultant

Attachment

cc: David Laurie, Eco Services Operations LLC
Floyd Dickerson, Eco Services Operations LLC



Attachment 1

OP-2

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 (Page 1)**

Table 1

Date: 10/08/2015	Permit No.: O-1610	Account No.: HG-0696-Q	Regulated Entity No.: RN100211317					
Area Name: Baytown Plant		Company Name: Eco Services Operations LLC	Customer Reference No.: CN604683482					
For Submissions to EPA (SOP renewal, minor revision, and significant revision applications only)								
Has a copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
I. Application Type								
Indicate the type of application:								
<input type="checkbox"/> Renewal <input type="checkbox"/> Streamlined Revision <i>Must include provisional terms and conditions as explained in the instructions.</i>								
<input checked="" type="checkbox"/> Significant Revision <input type="checkbox"/> Revision Requesting Prior Approval <input type="checkbox"/> Administrative Revision <input type="checkbox"/> Response to Reopening								
II. Qualification Statement								
For SOP Revisions Only	The referenced changes qualify for the marked revision type.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
For GOP Revisions Only	The permitted area continues to qualify for a GOP.		<input type="checkbox"/> YES <input type="checkbox"/> NO					
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:								
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPs	Other <input type="checkbox"/>
Major at the Site (YES/NO):	No	Yes	Yes	No	No	No	No	No
IV. Fee Information								
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A					
V. Delinquent Fees and Penalties								
Notice: This form will not be processed until all delinquent fees and/or penalties owed the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.								

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 (Page 2)**

Table 2

Date: 10/08/2015		Permit No.: O-1610		Account No.: HG-0696-Q		Regulated Entity No.: RN100211317		
Area Name: Baytown Plant			Company Name: Eco Services Operations LLC			Customer Reference No.: CN604683482		
I. Description of Revision								
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions		
		New Unit	ID No.	Applicable Form				
1	MS-A	NO			56534	Updated spent sulfuric acid composition. Added PM2.5 emissions for FILTERSTK.		
2	SIG-E	NO	PREHTRSTK	OP-UA5	106.183 (09/04/2000)	Updating NSR authorization and adding to permit shield for Part 63, Subpart DDDDD.		
3	SIG-E	NO	PRO-REGEN	OP-UA5	9565	Adding CAM for Ch. 112 and Part 60, Subpart H. Adding to permit shield for Ch. 117.		
4	MS-C	NO	1		9565	Requesting to remove Unit ID from permit to streamline applicability. All Unit 1 applicability has determined to overlap with PRO-REGEN.		
4	SIG-A	NO	GRPACIDTNK	OP-UA3	56534	Rule applicability change and remove periodic monitoring.		
2	SIG-A	NO	T-16	OP-REQ2	56534	Rule applicability change.		
5	MS-C	NO	PREHTRSTK	OP-2	106.183 (09/04/2000)	Remove the Compliance Schedule for PREHTRSTK, 117.310(a)(8)(A)(ii) for NOx because the corrective actions have been completed.		
6	MS-C	NO	PREHTRSTK	OP-2	106.183 (09/04/2000)	Remove the Compliance Schedule for PREHTRSTK, 117.310(c)(1) for CO because the corrective actions have been completed.		

Attachment 2

OP-SUMR

Attachment 3

OP-UA43

Attachment 4

OP-CRO1



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION		
RN: 100211317	CN: 604683482	Account No.: HG-0696-Q
Permit No.: O-1610	Project No.: 18273	
Area Name: Baytown Plant	Company Name: Eco Services Operations LLC	
II. CERTIFICATION TYPE (Please mark the appropriate box)		
<input type="checkbox"/> Responsible Official	<input checked="" type="checkbox"/> Duly Authorized Representative	
III. SUBMITTAL TYPE (Please mark the appropriate box) (Only one response can be accepted per form)		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input checked="" type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. CERTIFICATION OF TRUTH		
<p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>William McConnell</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____ <i>Start Date</i> <i>End Date</i></p> <p>Specific Dates: <u>10/08/2015</u> _____ <i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></p>		
Signature: _____		Signature Date: _____
Title: <u>Plant Manager</u>		

Attachment 5

OP-REQ1

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program

Date: 10/08/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the response to both Question I.A.1. and I.A.2. is "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1. is "NO" and the response to Question I.A.2. is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis. <i>If the response to Question I.A.4. is "YES," go to Question I.A.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Stationary vents are subject to compliance assurance monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 2)
Federal Operating Permit Program

Date: 10/08/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant	Customer Reference No.: CN604683482	

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
1. Items a - d determines applicability of any of these requirements based on geographical location.		
◆	a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p><i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d.</i> <i>If all responses to Questions I.B.1.a-d are "NO", go to Section I.C.</i></p>		
2. Items a - d determine the specific applicability of these requirements.		
◆	a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes		
◆	1. The application area includes nonagricultural processes subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes vents from a nonagricultural process that are subject additional monitoring requirements. <i>If the response to Question I.C.2. is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	3. All vents from nonagricultural processes in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
C. Emissions Limits on Nonagricultural Processes (continued)		
4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5. is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8. is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes		
1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning		
◆ 1.	Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
E. Outdoor Burning (continued)		
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
A. Temporary Fuel Shortage Plan Requirements		
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
A. Applicability		
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds		
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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For SOP applications, answer ALL questions unless otherwise directed.

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs	
◆ 1. The application area includes VOC loading operations.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2, are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
D. Loading and Unloading of VOCs (continued)		
◆	3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 125,000 gallons of gasoline in a calendar month after January 1, 1999. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8. Is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the response to Question III.G.2. and Question III.G.3. are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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For SOP applications, answer ALL questions unless otherwise directed.

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
H. Control Of Reid Vapor Pressure (RVP) of Gasoline		
◆	1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
	1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Surface Coating Processes (Complete this section for GOP applications only.)		
◆	1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(a)(3)(A) or 115.427(b)(1) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
K. Cutback Asphalt		
1.	Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3.	Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels		
◆ 1.	The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels(continued)		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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For SOP applications, answer ALL questions unless otherwise directed.

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the response to Question III.N.1. and III.N.2. are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the response to Questions III.N.3. and III.N.4. are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from NITROGEN COMPOUNDS		
A. Applicability		
◆	<p>1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, Dallas/Fort Worth, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C. and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i></p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<p>2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>3. The application area includes a utility electric generator in an east or central Texas county. See instructions for a list of counties included. <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas		
	<p>1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1. is "NO," go to Question IV.C.1.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds(continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆	<p>1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1. is "NO," go to Question IV.D.1.</i> <i>For GOP applications for GOP 517, if the response to Question IV.C.1. is "NO," go to Section IV.F.</i></p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>2. The application area is located at a site that was a major source of NO_x before November 15, 1992.</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<p>3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Adipic Acid Manufacturing		
	<p>1. The application area is located at, or part of, an adipic acid production unit.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
	<p>1. The application area is located at, or part of, a nitric acid production unit.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines		
◆	<p>1. The application area is located at a site that is a minor source of NO_x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas. <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.H.1.</i> <i>For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds(continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1. is "NO" go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B – National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO", go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C – National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO", go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
C. Subpart D – National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1 and V.C.2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.400(c)(1) - (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart E – National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart F – Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants (continued)		
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3. is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4. is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 Is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2. is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.2. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3. is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.3. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)		
◆	<p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LPTD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.</p> 	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants		
	<p>1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems		
	<p>1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>2. The application area includes storm water sewer systems.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1. is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>Note: If the response to Question VI.H.4. is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004		
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5. is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1. is "N/A," go to Section VI.J. If the response to Question VI.I.1. is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4. is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5. is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006		
◆	<p>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</p> <p><i>If the response to Question VI.J.1. is "N/A," go to Section VII. If the response to Question VI.J.1. is "NO," go to Question VI.J.4.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<p>2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>4. The application area includes at least one air curtain incinerator.</p> <p><i>If the response to Question VI.J.4. is "NO," go to Section VII.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.</p> <p><i>If the response to Question VI.J.5. is "NO," go to Question VI.J.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials. <input type="checkbox"/> YES <input type="checkbox"/> NO
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride. <input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆	1. The application area includes equipment in benzene service. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
D. Subpart L – National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants (continued)	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, .144, .146, 147, .148, or .155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Manufacturing Commercial Asbestos (continued)	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Asbestos Spray Application	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Asbestos Spray Application (continued)	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Fabricating Commercial Asbestos	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
Fabricating Commercial Asbestos (continued)	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Non-sprayed Asbestos Insulation	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Asbestos Conversion	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13. is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Individual Drain Systems	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1. is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
<p>2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2. is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3., B.4. and B.5. are all "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	
Applicability	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Vapor Collection and Closed Vent Systems	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Transfer Racks	
8. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Process Wastewater Streams	
9. The application area includes process wastewater streams. <i>If the response to Question VIII.C.9 is "NO," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.10 is "NO," go to Question VIII.C.12.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.14 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams	
16. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.21. is "YES," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.22. is "NO," go to Question VIII.C.24.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
28. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.28 is "NO," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Drains (continued)	
29. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.32 is "NO," go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
34. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(1)(1) or (1)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
36. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
6. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.6 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
7. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
9. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.9 is "NO", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning

1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins

1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5. is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6. is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12. is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area is located at a plant site receiving material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is "YES," go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
<p>11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>12. VOHAP concentration is determined by direct measurement.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>13. VOHAP concentration is based on knowledge of the off-site material.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>17. The application area includes containers that manage non-exempt off-site material.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>18. The application area includes individual drain systems that manage non-exempt off-site materials.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the response to both Question VIII.Q.1. and VIII.Q.2. is "NO," go to Section VIII.R.</i> <i>For GOP applications, if the response to both Question VIII.Q.1. and VIII.Q.2. is "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3. is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3. is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4. is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

Q. Subpart – HH – National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities

◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less the 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5. is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5. is "YES," go to Section VIII.Z.</i> <i>If the response to Question VIII.Q.5. is "NO," go to Question VIII.Q.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6. is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6. is "NO," go to Section VIII.Z.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC , as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations (continued)	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the response to Questions VIII.W.1. and VIII.W.2. are both "NO," go to Question VIII.W.20</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6. is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.W.8. and W.9. are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12. is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
<p>15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15. is "NO," go to Question VIII.W.20.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16. Is "NO," go to Question VIII.W.20.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the response to Questions VIII.W.20. and VIII.W.21. are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23. is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24. is "NO," go to Question VIII.W.54</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28. is "NO," go to Question VIII.W.33</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
<p>32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32. is required, go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33. is "NO," go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34. is "YES," go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36. is "NO," go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37. is "YES," go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38. is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44. is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45. is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48. is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49. is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54. is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3. is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4. is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8. is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9. is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.X.11. - VIII.X.12. are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15. is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8. is "YES," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9. is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.AA.11. and VIII.AA.12. are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13. is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15. is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferrer is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19. is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22. is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23. is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1. is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2. is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
DD. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question DD.1. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.DD.4. is "NO," go to Question VIII.DD.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.DD.6. is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has a throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.DD.7. is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.DD.9. is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities (continued)	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>Note: If the answer to Question VIII.EE.2. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes at least one gasoline dispensing facility with a monthly throughput greater than 10,000 gallons, but less than 100,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes at least one gasoline dispensing facility with a monthly throughput of 100,000 gallons or more.	<input type="checkbox"/> YES <input type="checkbox"/> NO
FF. Recently Promulgated 40 CFR Part 63 Subparts	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.EE.1. is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - CHEMICAL ACCIDENT PREVENTION PROVISIONS	
A. Applicability	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - PROTECTION OF STRATOSPHERIC OZONE	
A. Subpart A - Production and Consumption Controls	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - PROTECTION OF STRATOSPHERIC OZONE (continued)		
F. Subpart F - Recycling and Emissions Reduction		
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program		
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO", go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H - Halon Emissions Reduction		
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous		
A. Requirements Reference Tables (RRT) and Flowcharts		
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3. is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.3. is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Clean Air Interstate Rule (CAIR NO_x and CAIR SO₂ Permit)	
1. The application area includes emission units subject to the requirements of the Clean Air Interstate Rule. <i>If the response to Question XI.F.1. is "NO," go to Section XI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the retired unit exemptions under 40 CFR §§ 96.105 and 96.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
H. GOP Type (Complete this section for GOP applications only)	
◆ 1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, and Waller Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. Miscellaneous (continued)		
H. GOP Type (Complete this section for GOP applications only) (continued)		
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, and Waller County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under 517 Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.I.1. is "NO," go to question XI.I.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. Miscellaneous (continued)		
I. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the response to Questions XI.J.1. and XI.J.2. are both "NO," go to Section XI.K.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit with a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.K.1. is "NO," go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The unit or units defined by XI.K.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.K.2. is "NO," go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. Miscellaneous (continued)		
K. Compliance Assurance Monitoring (continued)		
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the response to Questions XI.K.3. and XI.K.4. are both "NO," go to Section XII.A.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.K.1. and XI.K.2. is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. All units defined by XI.K.1. and XI.K.2. are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.K.8. is "YES," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses particulate matter or opacity.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses VOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. The control device in the CAM proposal as described by question XI.K.3.or XI.K.4. has a bypass.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. New Source Review (NSR) Authorizations (continued)		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1. is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H, and answer XII.B.2 - B.13 as appropriate.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes at least one "Pollution Control Project" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. The application area includes at least one "Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	4. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	7. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	9. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.10 is "NO," go to Question XII.B.13.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	13. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	15. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Flexible Permits		
◆	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
◆	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)							
◆ E. PSD Permits and PSD Major Pollutants							
PSD Permit No.: PSD-TX-695M3	Issuance Date: 08/08/2013	Pollutant(s)	SO ₂				
PSD Permit No.:	Issuance Date:	Pollutant(s)					
PSD Permit No.:	Issuance Date:	Pollutant(s)					
PSD Permit No.:	Issuance Date:	Pollutant(s)					
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</i>							
◆ F. Nonattainment (NA) Permits and NA Major Pollutants							
NA Permit No.:	Issuance Date:	Pollutant(s)					
NA Permit No.:	Issuance Date:	Pollutant(s)					
NA Permit No.:	Issuance Date:	Pollutant(s)					
NA Permit No.:	Issuance Date:	Pollutant(s)					
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html</i>							
◆ G. NSR Authorizations with FCAA § 112(g) Requirements							
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:				
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:				
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:				
◆ H Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area.							
Authorization No.: 9565	Issuance Date: 08/08/2013	Authorization No.:	Issuance Date:				
Authorization No.: 56534	Issuance Date: 11/24/14	Authorization No.:	Issuance Date:				
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:				
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:				

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Date: 10/08/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.371	Version No./Date: 03/14/1997
PBR No.: 106.472	Version No./Date: 03/14/1997
PBR No.: 106.478	Version No./Date: 03/14/1997
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 09/04/2000
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.412	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:

Attachment 6

OP-MON

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN604683482
Permit No.: O-1610	Project No.: 18273	
Area Name: Baytown Plant		
Company Name: Eco Services Operations LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 3		
Unit/EPN/Group/Process ID No.: PRO-REGEN		
Applicable Form: OP-UA43		
III. Applicable Regulatory Requirement		
Name: Title 30 TAC Chapter 112		
SOP/GOP Index No.: REG2-002		
Pollutant: SO2		
Main Standard: 112.6		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: Large		
CAM/PM Option No.: CAM-SS-009		
Deviation Limit: Minimum pH is 4.5		
CAM/PM Option No.: CAM-SS-010		
Deviation Limit: Minimum liquid flow rate is 650 gallons per minute		
V. Control Device Information		
Control Device ID No.: Ammonia Scrubber		
Control Device Type: SO2SCR		

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program**

Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN604683482
Permit No.: O-1610	Project No.: 18273	
Area Name: Baytown Plant		
Company Name: Eco Services Operations LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 3		
Unit/EPN/Group/Process ID No.: PRO-REGEN		
Applicable Form: OP-UA43		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart H		
SOP/GOP Index No.: 60H-001		
Pollutant: SO ₂		
Main Standard: 60.82(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: Large		
CAM/PM Option No.: CAM-SS-009		
Deviation Limit: Minimum pH is 4.5		
CAM/PM Option No.: CAM-SS-010		
Deviation Limit: Minimum liquid flow rate is 650 gallons per minute		
V. Control Device Information		
Control Device ID No.: Ammonia Scrubber		
Control Device Type: SO ₂ SCR		



Attachment 7

OP-UA5

**Texas Commission on Environmental Quality
 Process Heater/Furnace Attributes
 Form OP-UA5 (Page 5)
 Federal Operating Permit Program**

**Table 3a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
 Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in
 Ozone Nonattainment Areas, Furnaces**

Date: 10/08/2015	Permit: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN604683482

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	NO _x Emission Limitation	23C-Option	NO _x Emission Limit Basis	NO _x Reduction	NO _x Monitoring System
PRO-REGEN	R7ICI-0002	OTHER						

Attachment 8

OP-REQ2

**Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program**

Date: 10/08/2015	Permit No.: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN604683482

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
	2	PREHTRSTK	OP-UA5	MACT DDDDD	§ 63.7485	Not subject as the facility is not a major source of HAPs.
	3	PRO-REGEN	OP-UA5	Ch. 117	30 TAC §117.303(a)(4)	The furnace is exempt on the basis of being a sulfuric acid regeneration unit.

Attachment 9

Major NSR Summary Table



Texas Commission on Environmental Quality

Major NSR Summary Table

Permit Number: 9565 and PSDTX695M3			Issuance Date: August 8, 2013				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			Ib/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
1	Scrubber Exhaust	Carbon Monoxide	5.50	24.09	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15	2, 3, 4, 5, 6, 7, 9, 11, 13, 14, 15	2, 9, 11
		H ₂ SO ₄ (6)	6.88	20.08			
		Ammonia	0.40	1.70			
		NO _x	19.75	54.91			
		PM ₁₀	3.19	11.32			
		PM _{2.5}	3.19	11.32			
		Sulfur Dioxide (6)	114.13	441.65			
		VOC	0.01	0.01			
		Silver	0.03	0.12			
		Arsenic	0.13	0.52			
		Barium	0.03	0.12			
		Beryllium	0.02	0.08			
		Cadmium	0.02	0.08			
		Chlorine	0.01	0.02			
		Chromium	0.67	2.82			
		Hydrogen Chloride	0.06	0.26			
		Mercury	0.0018	0.0041			
Nickel	0.56	2.42					
Lead	0.06	0.24					
Antimony	0.03	0.12					
Selenium	0.05	0.20					
Thallium	0.02	0.08					
RACKFUG	Rack Process Fugitives (5)	VOC	0.01	0.01	2, 6	2, 6	2
		Hydrogen Sulfide	0.01	0.01			
FUGRC	Railcar Piping and Components (5)	VOC	0.01	0.02	2, 6	2, 6	2
		H ₂ SO ₄ (6)	0.01	0.01			

Footnotes:

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) H_2SO_4 - sulfuric acid mist
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Prevention of Significant Deterioration pollutant

Whitney Hill

From: Whitney Hill
Sent: Thursday, October 01, 2015 10:34 AM
To: 'David Laurie'; 'Floyd Dickerson'
Subject: RE: Working Draft Permit -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

David,

As we discussed on the phone you will submit the information requested originally on August 31st by **October 8, 2015**. Please let me know if you have any questions.

In addition to your review of the WDP, please submit the following:

- Resubmit page 1 of form OP-REQ1. Question I.A.3. was not answered.
- Submit forms OP-UA15, Table 15 and OP-MON for vents subject to the requirements in 30 TAC §111.151 with addition monitoring, as stated on page 3 of the OP-REQ1 [question I.C.2.]
- Submit the [Major NSR Summary Table](#) in Word format, per the instructions on [TCEQ's website](#).
- Resubmit form OP-ACPS because the form submitted with the original renewal application has dates in the compliance plan and schedule that have passed.
- As requested in the previous email, submit OP-UA05 for emission unit 1

Thank you,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-1400

From: David Laurie [mailto:David.Laurie@eco-services.com]
Sent: Friday, September 18, 2015 12:14 PM
To: Whitney Hill
Subject: RE: Working Draft Permit -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

Ms. Hill,

I have reviewed the draft permit and have the following comments and questions.

Unit ID 1 vs PRO-REGEN – were you able to identify in the technical review history how these two process IDs came to be redundant IDs? Upon review of our deviation reporting and recordkeeping, it appears that, for consistency, we should seek to keep PRO-REGEN and either eliminate Unit ID 1 or return it to its simple PSD representation. Do you know if there is any benefit to keeping Unit ID 1 as a PSD representation versus reassigning this applicability to PRO-REGEN. 1 is the name of the NSR EPN.

The representations submitted updating the authorization of PREHTRSTK were no included in this draft.

The EPA Region 6 has requested that the following language be included in our Title V permit before they will agree to terminate our current consent decree. Please include the following language from the EPA:

“Future Emission Limits and Standards: As soon as practicable, but no later than ninety (90) days after the relevant Effective Date listed in Paragraph 11.i, Defendant shall submit administratively complete applications to the applicable federal, state or local agency to incorporate that emission limit or standard into federally-enforceable minor or major new source review permits or other permits that will ensure that the underlying emission limit or standard survives the termination of this Consent Decree.”

Thank you,

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: Whitney Hill [<mailto:whitney.hill@tceq.texas.gov>]
Sent: Monday, August 31, 2015 11:15 AM
To: David Laurie; Floyd Dickerson
Subject: Working Draft Permit -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

I have conducted a technical review of renewal application for Eco Services Operations LLC, Baytown Plant. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have on the working draft permit by September 14, 2015. You must submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

In addition to your review of the WDP, please submit the following:

- Resubmit page 1 of form OP-REQ1. Question I.A.3. was not answered.
- Submit forms OP-UA15, Table 15 and OP-MON for vents subject to the requirements in 30 TAC §111.151 with addition monitoring, as stated on page 3 of the OP-REQ1 [question I.C.2.]
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- As requested in the previous email, submit OP-UA05 for emission unit 1

In accordance with the policy memorandum dated January 6, 2006 available at <http://www.tceq.texas.gov/assets/public/permitting/air/memos/voidguide06.pdf>, please be advised that failure to submit all of the information necessary to process your application by the deadline specified will result in the voidance of this application.

Please review the second portion of the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any as yet uncertified submittals, including the WDP response, is required to be submitted with the WDP response. After final review of the WDP, additional changes may require certification. I will advise you of these changes at a later date. Upon final approval of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form must be submitted which includes the specific dates or time period of all submitted application documentation that was not previously certified.

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-1400

Whitney Hill

From: David Laurie <David.Laurie@eco-services.com>
Sent: Friday, September 18, 2015 12:14 PM
To: Whitney Hill
Subject: RE: Working Draft Permit -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

Follow Up Flag: Follow up
Flag Status: Flagged

Categories: Project Update

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Thank you,

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: Whitney Hill [<mailto:whitney.hill@tceq.texas.gov>]
Sent: Monday, August 31, 2015 11:15 AM
To: David Laurie; Floyd Dickerson
Subject: Working Draft Permit -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

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Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-1400

Whitney Hill

From: Whitney Hill
Sent: Monday, August 31, 2015 11:14 AM
To: 'David Laurie'; 'Floyd Dickerson'
Subject: Working Draft Permit -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

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Please review the WDP and submit to me any comments you have on the working draft permit by September 14, 2015. You must submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

In addition to your review of the WDP, please submit the following:

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Please review the second portion of the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding WDP review and comment procedures.

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Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301

Fax: (512) 239-1400



Whitney Hill

From: David Laurie <David.Laurie@eco-services.com>
Sent: Tuesday, August 11, 2015 5:00 PM
To: Whitney Hill
Subject: RE: Renewal Application Review -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant
Attachments: Eco Services - FOP Renewal Application Review.pdf; OP-CRO1.pdf
Follow Up Flag: Follow up
Flag Status: Flagged
Categories: Project Update

Whitney,

I have attached the updated forms you requested. I just learned that the plant manager had to leave early to address a family issue today and did so before signing the OP-CRO1 form. I can have the signed and sent tomorrow morning. Is that acceptable?

Do you need hard copies of these forms mailed to you in addition to the electronic copies attached?

Some of the forms included in this update pertain to the removal of PRO-REGEN to combine with Unit 1. I reviewed the permit history, after the forms were drafted, and observed that, in the original Title V issued in 2002, Unit 1 was assigned solely to the PSD permit. The regulatory applicability was assigned to PRO-REGEN. In 2007, when the Title V was renewed and after Rhodia signed its consent decree with the EPA, the new regulatory applicability was assigned to Unit 1. This has made Unit 1 and PRO-REGEN redundant SOP IDs. In your review, I would like to examine the technical review history to confirm if my deductions are correct and discuss which of the two SOP IDs we remove to streamline the permit. At this time, we cannot determine an advantage to having an SOP ID dedicated to the PSD permit unless that was a requirement of Title V during the original permitting process.

Thank you,

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: Whitney Hill [mailto:whitney.hill@tceq.texas.gov]
Sent: Thursday, July 23, 2015 4:08 PM
To: David Laurie; Floyd Dickerson
Cc: Adam Mielnicki (amielnicki@trinityconsultants.com)
Subject: RE: Renewal Application Review -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

David,

That should be fine. I will move the due date to August 11. Please let me know if you need anything else or have any questions.

Thanks,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-7130

From: David Laurie [<mailto:David.Laurie@eco-services.com>]
Sent: Thursday, July 23, 2015 2:27 PM
To: Whitney Hill; Floyd Dickerson
Cc: Adam Mielnicki (amielnicki@trinityconsultants.com)
Subject: RE: Renewal Application Review -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

Whitney,

Our permitting consultant has been working on getting together the information you requested, but we would like to request an additional 2 weeks to complete the necessary forms and updates. Vacation schedules and TCEQ inspections have caused our transfer and review of information to progress more slowly than usual.

Thank you.

David Laurie
Environmental Engineer

Eco Services Operations LLC
713 924 1484

From: Whitney Hill [<mailto:whitney.hill@tceq.texas.gov>]
Sent: Thursday, July 09, 2015 10:57 AM
To: Floyd Dickerson; David Laurie
Subject: Renewal Application Review -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

I have been assigned to the Federal Operating Permit (FOP) renewal application for Eco Services Operations LLC, Baytown Plant and have begun technical review. This application for renewal of Permit No. O1610 has been assigned Project No. 18273. Please address all correspondence pertaining to this permit application, including updates, to me at the address below, and use the Permit and Project reference numbers above to facilitate tracking.

This renewal project and a significant revision project to incorporate PSD permit PSDTX695 into the permit were on hold until the PSD permit was issued. Since this permit was issued in November, the renewal project can be issued. Any changes from the significant revision will be incorporated into the renewal project. **Please submit the following form/information by July 28, 2015:**

- Any forms that correspond to changes that have been made at the site since 2012
- The most recent OP-REQ1
- The OP-MON for CAM (if applicable) for PRO-REGEN and 1 for 40 CFR Part 60, Subpart H for SO2
- The OP-UA05 for emission units 1 and PREHTRSTK

In accordance with the policy memorandum dated January 6, 2006 available at <http://www.tceq.texas.gov/assets/public/permitting/air/memos/voidguide06.pdf>, please be advised that failure to submit all of the information necessary to process your application by the deadline specified will result in the voidance of this application.

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-7130



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION	
RN: 100211317	CN: 604683482
Permit No.: O-1610	Account No.: HG-0696-Q
Project No.: 18273	
Area Name: Baytown Plant	Company Name: Eco Services Operations LLC
II. CERTIFICATION TYPE (Please mark the appropriate box)	
<input type="checkbox"/> Responsible Official	<input checked="" type="checkbox"/> Duly Authorized Representative
III. SUBMITTAL TYPE (Please mark the appropriate box) (Only one response can be accepted per form)	
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input checked="" type="checkbox"/> Update to Permit Application
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> Other: _____	
IV. CERTIFICATION OF TRUTH	
<p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>William McConnell</u> certify that I am the <u>DAR</u> (Certifier Name printed or typed) (RO or DAR)</p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____ Start Date End Date</p> <p>Specific Dates: <u>08/11/2015</u> _____ Date 1 Date 2 Date 3 Date 4 Date 5 Date 6</p>	
Signature: _____	Signature Date: _____
Title: <u>Plant Manager</u>	



1001 West Loop South | Suite 640 | Houston, TX 77027 | P (713) 552-1371 | F (713) 552-1374

trinityconsultants.com

Trinity
Consultants

VIA E-MAIL : whitney.hill@tceq.texas.gov

August 11, 2015

Whitney Hill
Air Permits Division
Texas Commission on Environmental Quality
12100 Park 35 Circle, MC 163
Austin, TX 78753

RE: *Federal Operating Permit (FOP) Renewal Application Review
Permit No. 01610 – TCEQ Project No. 18273
Eco Services Operations LLC – Baytown Plant
Customer Reference Number (CN) 604683482
Regulated Entity Reference Number (RN) 100211317*

Dear Ms. Hill:

Eco Services Operations LLC (Eco Services), formerly Solvay USA Inc., owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The facility produces sulfuric acid by regenerating spent sulfuric acid (sulfuric acid received from petroleum refining and chemical processes that has been in contact with volatile organic compounds). The Baytown Plant currently operates under the Texas Commission on Environmental Quality (TCEQ) account number HG-0696-Q and is authorized by FOP 01610.

On behalf of Eco Services, Trinity Consultants (Trinity) is submitting this response to your request for supplementary information requested via email on July 9, 2015. The request specified the submittal of the following materials:

1. Any forms that correspond to changes that have been made at the site since 2012

An OP-2 form is being included in Attachment 1 to account for changes that have taken place at the Baytown Plant since 2012. Revisions include the following:

- > NSR Permit No. 56534 has underwent a minor revision to update spent sulfuric acid composition and add PM_{2.5} emissions to EPN FILTERSTK.
- > The revision for Unit ID No. PREHTRSTK is being submitted to reflect its current NSR authorization.
- > It has also been determined that since Unit ID Nos. 1 and PRO-REGEN both encompass the entire acid making process, the permit could benefit by being streamlined via the removal of PRO-REGEN. Title 30 TAC Chapter 112 and 40 CFR Subpart H applicability overlaps for both unit IDs; therefore, Eco Services is requesting that the PRO-REGEN Unit ID be deleted from the FOP. Included in Attachment 2 is the OP-SUMR form to document this change. Additionally, in the current permit, PRO-REGEN is subject to Chapter 112 requirements that Unit ID No. 1 is exempt from. To finalize the deletion of PRO-REGEN, forms OP-UA43 and OP-REQ3 (Attachments 3 and 4, respectively) are being submitted to make Unit ID No. 1 subject to these requirements.
- > As part of the 2012 renewal application package, OP-MON forms were submitted with the purpose of deleting the two Periodic Monitoring requirements the Baytown Plant is subject to. Since that time, business conditions have changed such that the justifications for their removal are no longer be valid. Therefore, Eco Services is requesting that the previously submitted deletion request be considered void and not taken into consideration during the permit renewal process. This request is documented in the OP-2 by copying the 2012 revision language in strikethrough font.

Attachment 5 encloses form OP-CRO1, submitted to certify the aforementioned permit updates.

2. The most recent OP-REQ1

The most recent OP-REQ 1 is being included in Attachment 6.

3. The OP-MON for CAM (if applicable) for PRO-REGEN and 1 for 40 CFR Part 60, Subpart H for SO2

In consideration of the PRO-REGEN deletion request, an OP-MON form (Attachment 7) is being submitted only for unit 1 for 40 CFR Part 60, Subpart H. Please note that although unit 1 fits the "Large" definition, the selected CAM options (CAM-SS-009 and CAM-SS-010) are for "Small" sized units, as defined in the CAM guidance. The minimum monitoring period of once per week is determined to be allowable as documented via NSR Permit No. 9565, SCs 14 &15, as well as the current operating permit.

4. The OP-UA05 for emission units 1 and PREHTRSTK

Attachment 8 includes the OP-UA5 form, completed only for unit PREHTRSTK. Unit 1 has been determined to be exempt from 30 TAC Chapter 117 requirements on the basis of the furnace being a sulfuric acid regeneration unit (30 TAC §117.303(a)(4)). Additionally, Attachment 9 includes an OP-REQ2 form that documents PREHTRSTK's negative applicability for 40 CFR Part 63, Subpart DDDDD (better known as Boiler MACT).

If you have any questions regarding this submittal or require additional information about this submittal, please feel free to contact David Laurie at (713) 924-1484.

Sincerely,

TRINITY CONSULTANTS



Adam Mielnicki
Senior Consultant

Attachment

cc: David Laurie, Eco Services Operations LLC
Floyd Dickerson, Eco Services Operations LLC

Attachment 1

OP-2

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 (Page 1)**

Table 1

Date: 08/11/2015	Permit No.: O-1610	Account No.: HG-0696-Q	Regulated Entity No.: RN100211317					
Area Name: Baytown Plant		Company Name: Eco Services Operations LLC	Customer Reference No.: CN604683482					
For Submissions to EPA (SOP renewal, minor revision, and significant revision applications only)								
Has a copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
I. Application Type								
Indicate the type of application:								
<input type="checkbox"/> Renewal <input checked="" type="checkbox"/> Streamlined Revision <i>Must include provisional terms and conditions as explained in the instructions.</i> <input type="checkbox"/> Significant Revision <input type="checkbox"/> Revision Requesting Prior Approval <input type="checkbox"/> Administrative Revision <input type="checkbox"/> Response to Reopening								
II. Qualification Statement								
For SOP Revisions Only	The referenced changes qualify for the marked revision type.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					
For GOP Revisions Only	The permitted area continues to qualify for a GOP.		<input type="checkbox"/> YES <input type="checkbox"/> NO					
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:								
Pollutant	VOC	NO_x	SO₂	PM₁₀	CO	Pb	HAPs	Other <input type="checkbox"/>
Major at the Site (YES/NO):	No	Yes	Yes	No	No	No	No	No
IV. Fee Information								
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?			<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A					
V. Delinquent Fees and Penalties								
Notice: This form will not be processed until all delinquent fees and/or penalties owed the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.								

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 (Page 2)**

Table 2

Date: 08/11/2015		Permit No.: O-1610		Account No.: HG-0696-Q		Regulated Entity No.: RN100211317	
Area Name: Baytown Plant			Company Name: Eco Services Operations LLC			Customer Reference No.: CN604683482	
I. Description of Revision							
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions	
		New Unit	ID No.	Applicable Form			
1	MS-A	NO			56534	Updated spent sulfuric acid composition. Added PM2.5 emissions for FILTERSTK.	
2	MS-C	NO	PREHTRSTK	OP-UA5	106.183 (09/04/2000)	Updating NSR authorization.	
3	MS-C	NO	PRO-REGEN		9565	Requesting to remove Unit ID from permit to streamline applicability. All PRO-REGEN applicability has determined to overlap with Unit ID 1.	
4	MS-C	NO	1	OP-UA43	9565	Updating 30 TAC Chapter 112 applicability.	
1	SIG-A	NO	GRPACIDTNK	OP-UA3	56534	Rule applicability change and remove periodic monitoring.	
2	SIG-A	NO	T-16	OP-REQ2	56534	Rule applicability change.	

Attachment 2

OP-SUMR

Attachment 3

OP-UA43



Texas Commission on Environmental Quality
Sulfuric Acid Production Attributes
Form OP-UA43 (Page 2)
Federal Operating Permit Program

Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds (Sulfuric Acid Production)

Account No.: HG-0696-Q	Date: 08/11/2015	Project No.: 18273
Area Name: Baytown Plant		

Process ID No.	SOP Index No.	Facility Type	Effective Stack Height	Production Capacity	Facility Use
1	REG2-002	SULFCON	NO	300+	YES

Attachment 4

OP-REQ3

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program**

Table 1a: Additions

Date: 08/11/2015	Regulated Entity No.: RN100211317	Permit No.: O-1610
Company Name: : Eco Services Operations LLC		Area Name: Baytown Plant

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
4	1	OP-UA43	REG2-002	H2SO4	Chapter 112	§112.41(b) §112.41(b)(1)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1b: Additions

Date: 08/11/2015	Regulated Entity No.: RN100211317	Permit No.: O-1610
Company Name: Eco Services Operations LLC	Area Name: Baytown Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
4	1	REG2-002	H2SO4	§112.43(b) §112.43(c) [G] §112.43(c)(1) [G] §112.43(c)(2) §112.45(a)	[G] §112.45(b)	

**Applicable Requirements Summary
Form OP-REQ3 (Page 3)
Federal Operating Permit Program**

Table 2a: Deletions

Date: 08/11/2015	Regulated Entity No.: RN100211317	Permit No.: O-1610
Company Name: Eco Services Operations LLC	Area Name: Baytown Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
4	1	OP-UA43	REG2-002	H2SO4	Chapter 112	§112.41(b)(2)

Attachment 5

OP-CRO1



Attachment 6

OP-REQ1

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program

Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the response to both Question I.A.1. and I.A.2. is "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1. is "NO" and the response to Question I.A.2. is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis. <i>If the response to Question I.A.4. is "YES," go to Question I.A.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Stationary vents are subject to compliance assurance monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
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Federal Operating Permit Program

Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
1. Items a - d determines applicability of any of these requirements based on geographical location.		
◆	a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO", go to Section I.C.</i>		
2. Items a - d determine the specific applicability of these requirements.		
◆	a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes		
◆	1. The application area includes nonagricultural processes subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes vents from a nonagricultural process that are subject additional monitoring requirements. <i>If the response to Question I.C.2. is "NO," go to Question I.C.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. All vents from nonagricultural processes in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 3)
Federal Operating Permit Program

Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5. is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8. is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
E. Outdoor Burning (continued)		
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
A. Temporary Fuel Shortage Plan Requirements		
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
A. Applicability		
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds		
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
C. Industrial Wastewater		
1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs		
◆ 1.	The application area includes VOC loading operations.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2.	The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2, are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 125,000 gallons of gasoline in a calendar month after January 1, 1999. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	<p>8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004.</p> <p><i>If the response to Question III.E.8. Is "YES," go to Section III.F.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.</p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	<p>1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the response to Question III.G.2. and Question III.G.3. are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
H. Control Of Reid Vapor Pressure (RVP) of Gasoline		
◆	1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
	1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Surface Coating Processes (Complete this section for GOP applications only.)		
◆	1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(a)(3)(A) or 115.427(b)(1) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
K. Cutback Asphalt		
1.	Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3.	Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels		
◆ 1.	The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels(continued)		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the response to Question III.N.1. and III.N.2. are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the response to Questions III.N.3. and III.N.4. are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from NITROGEN COMPOUNDS		
A. Applicability		
◆	<p>1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, Dallas/Fort Worth, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C. and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i></p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	<p>2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>3. The application area includes a utility electric generator in an east or central Texas county. See instructions for a list of counties included. <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas		
	<p>1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1. is "NO," go to Question IV.C.1.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<p>2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds(continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆	1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1. is "NO," go to Question IV.D.1.</i> <i>For GOP applications for GOP 517, if the response to Question IV.C.1. is "NO," go to Section IV.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Adipic Acid Manufacturing		
	1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
	1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines		
◆	1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas. <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.H.1.</i> <i>For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds(continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	☐ YES ☐ NO
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area and has units that qualify for an exemption under 30 TAC § 117.2103.	☐ YES ☐ NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	☐ YES ☐ NO
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	☐ YES ☐ NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	☐ YES ☐ NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1. is "NO" go to Section V.</i>	☐ YES ☒ NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	☐ YES ☐ NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B – National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO", go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C – National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO", go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
C. Subpart D – National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1 and V.C.2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.400(c)(1) - (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart E – National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart F – Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants (continued)		
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3. is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4. is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 Is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)		
◆	5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals		
	1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
	2. One or more of the loading racks were constructed or modified after December 17, 1980.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions		
◆	1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2. is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.2. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3. is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.3. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LPTD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1. is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>Note: If the response to Question VI.H.4. is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004		
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5. is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1. is "N/A," go to Section VI.J. If the response to Question VI.I.1. is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4. is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5. is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006		
◆	<p>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</p> <p><i>If the response to Question VI.J.1. is "N/A," go to Section VII. If the response to Question VI.J.1. is "NO," go to Question VI.J.4.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<p>2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>4. The application area includes at least one air curtain incinerator.</p> <p><i>If the response to Question VI.J.4. is "NO," go to Section VII.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.</p> <p><i>If the response to Question VI.J.5. is "NO," go to Question VI.J.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)		
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants		
A. Applicability		
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride		
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)		
◆	1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
D. Subpart L – National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants (continued)	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, .144, .146, 147, .148, or .155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Manufacturing Commercial Asbestos (continued)	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Asbestos Spray Application	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Asbestos Spray Application (continued)	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Fabricating Commercial Asbestos	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
Fabricating Commercial Asbestos (continued)	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Non-sprayed Asbestos Insulation	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Asbestos Conversion	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES", go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13. is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Individual Drain Systems	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1. is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
<p>2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2. is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3., B.4. and B.5. are all "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	
Applicability	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Vapor Collection and Closed Vent Systems	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Transfer Racks	
8. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Process Wastewater Streams	
9. The application area includes process wastewater streams. <i>If the response to Question VIII.C.9 is "NO," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.10 is "NO," go to Question VIII.C.12.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.14 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams	
16. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.21. is "YES," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.22. is "NO," go to Question VIII.C.24.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
28. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.28 is "NO," go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Drains (continued)	
29. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.32 is "NO," go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
34. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
36. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
6. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.6 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
7. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.7 is "YES", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
9. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.9 is "NO", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
<p>1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p>2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes one or more kraft pulping systems that are existing sources.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5. is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6. is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12. is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)

Applicability (continued)

<p>3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area is located at a plant site receiving material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is "YES," go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the response to both Question VIII.Q.1. and VIII.Q.2. is "NO," go to Section VIII.R.</i> <i>For GOP applications, if the response to both Question VIII.Q.1. and VIII.Q.2. is "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3. is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3. is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4. is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

Q. Subpart – HH – National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities

◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less the 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5. is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5. is "YES," go to Section VIII.Z.</i> <i>If the response to Question VIII.Q.5. is "NO," go to Question VIII.Q.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6. is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6. is "NO," go to Section VIII.Z.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC , as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations (continued)	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the response to Questions VIII.W.1. and VIII.W.2. are both "NO," go to Question VIII.W.20</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6. is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards

7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.W.8. and W.9. are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12. is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15. is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16. Is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the response to Questions VIII.W.20. and VIII.W.21. are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23. is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24. is "NO," go to Question VIII.W.54</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28. is "NO," go to Question VIII.W.33</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards

<p>32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32. is required, go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33. is "NO," go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34. is "YES," go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36. is "NO," go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37. is "YES," go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38. is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44. is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45. is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48. is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49. is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51. is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54. is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3. is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4. is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)

5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8. is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9. is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.X.11. - VIII.X.12. are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15. is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18. is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)

Drains (continued)

<p>19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19. is "NO," go to Section VIII.Y.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8. is "YES," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9. is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.AA.11. and VIII.AA.12. are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13. is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15. is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferrer is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19. is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22. is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23. is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1. is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2. is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation

4.	Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6.	No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8. is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11.	The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
DD. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question DD.1. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBB. <i>If the answer to Question VIII.DD.4. is "NO," go to Question VIII.DD.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.DD.6. is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has a throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.DD.7. is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.DD.9. is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

EE. Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities (continued)

◆ 1. The application area is located at a site that is an area source of hazardous air pollutants.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>Note: If the answer to Question VIII.EE.2. is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes at least one gasoline dispensing facility with a monthly throughput greater than 10,000 gallons, but less than 100,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes at least one gasoline dispensing facility with a monthly throughput of 100,000 gallons or more.	<input type="checkbox"/> YES <input type="checkbox"/> NO

FF. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.EE.1. is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - CHEMICAL ACCIDENT PREVENTION PROVISIONS

A. Applicability

◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - PROTECTION OF STRATOSPHERIC OZONE		
A. Subpart A - Production and Consumption Controls		
◆	1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners		
◆	1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆	1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement		
◆	1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆	1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - PROTECTION OF STRATOSPHERIC OZONE (continued)		
F. Subpart F - Recycling and Emissions Reduction		
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program		
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO", go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H - Halon Emissions Reduction		
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous		
A. Requirements Reference Tables (RRT) and Flowcharts		
	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3. is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.3. is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Clean Air Interstate Rule (CAIR NO_x and CAIR SO₂ Permit)	
1. The application area includes emission units subject to the requirements of the Clean Air Interstate Rule. <i>If the response to Question XI.F.1. is "NO," go to Section XI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the retired unit exemptions under 40 CFR §§ 96.105 and 96.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
H. GOP Type (Complete this section for GOP applications only)	
◆ 1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, and Waller Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. Miscellaneous (continued)		
H. GOP Type (Complete this section for GOP applications only) (continued)		
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, and Waller County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under 517 Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.I.1. is "NO," go to question XI.I.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)		
I. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the response to Questions XI.J.1. and XI.J.2. are both "NO," go to Section XI.K.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit with a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.K.1. is "NO," go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The unit or units defined by XI.K.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.K.2. is "NO," go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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XI. Miscellaneous (continued)		
K. Compliance Assurance Monitoring (continued)		
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the response to Questions XI.K.3. and XI.K.4. are both "NO," go to Section XII.A.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.K.1. and XI.K.2. is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. All units defined by XI.K.1. and XI.K.2. are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.K.8. is "YES," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The CAM proposal as described by question XI.K.3. or XI.K.4. addresses particulate matter or opacity.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. The CAM proposal as described by question XI.K.3. or XI.K.4. addresses VOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. The control device in the CAM proposal as described by question XI.K.3. or XI.K.4. has a bypass.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. New Source Review (NSR) Authorizations (continued)		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1. is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H, and answer XII.B.2 - B.13 as appropriate.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes at least one "Pollution Control Project" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. The application area includes at least one "Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	4. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	7. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	9. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.10 is "NO," go to Question XII.B.13.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	13. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	15. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Flexible Permits		
◆	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 85)
Federal Operating Permit Program

Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NSR Authorizations
(Attach additional sheets if necessary for sections E-J)

◆ **E. PSD Permits and PSD Major Pollutants**

PSD Permit No.: PSD-TX-695M3	Issuance Date: 08/08/2013	Pollutant(s)	SO ₂						
PSD Permit No.:	Issuance Date:	Pollutant(s)							
PSD Permit No.:	Issuance Date:	Pollutant(s)							
PSD Permit No.:	Issuance Date:	Pollutant(s)							

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html

◆ **F. Nonattainment (NA) Permits and NA Major Pollutants**

NA Permit No.:	Issuance Date:	Pollutant(s)							
NA Permit No.:	Issuance Date:	Pollutant(s)							
NA Permit No.:	Issuance Date:	Pollutant(s)							
NA Permit No.:	Issuance Date:	Pollutant(s)							

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html

◆ **G. NSR Authorizations with FCAA § 112(g) Requirements**

NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:

◆ **H Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area.**

Authorization No.: 9565	Issuance Date: 08/08/2013	Authorization No.:	Issuance Date:
Authorization No.: 56534	Issuance Date: 11/24/14	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

Texas Commission on Environmental Quality
 Application Area-Wide Applicability Determinations and General Information
 Form OP-REQ1 (Page 86)
 Federal Operating Permit Program

Date: 08/11/2015	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		Customer Reference No.: CN604683482

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NSR Authorizations
 (Attach additional sheets if necessary for sections E-J)

◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.371	Version No./Date: 03/14/1997
PBR No.: 106.472	Version No./Date: 03/14/1997
PBR No.: 106.478	Version No./Date: 03/14/1997
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 09/04/2000
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.412	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:

◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum**

Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:

Attachment 7

OP-MON

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: HG-0696-Q	RN No.: RN100211317	CN: CN604683482
Permit No.: O-1610	Project No.: 18273	
Area Name: Baytown Plant		
Company Name: Eco Services Operations LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.:		
Unit/EPN/Group/Process ID No.: 1		
Applicable Form: OP-UA43		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart H		
SOP/GOP Index No.: 60H-001		
Pollutant: SO2		
Main Standard: 60.82(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: Large		
CAM/PM Option No.: CAM-SS-009		
Deviation Limit: Minimum pH is 4.5		
CAM/PM Option No.: CAM-SS-010		
Deviation Limit: Minimum liquid flow rate is 650 gallons per minute		
V. Control Device Information		
Control Device ID No.: Ammonia Scrubber		
Control Device Type: SO2SCR		

Attachment 8

OP-UA5

Texas Commission on Environmental Quality
Process Heater/Furnace Attributes
Form OP-UA5 (Page 1)
Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

Subchapter B: Combustion Control at Major Industrial, Commercial, and
Institutional Sources in Ozone Nonattainment Areas, Process Heaters

Date: 08/11/2015	Permit: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN604683482

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)			Annual Heat Input	NO _x Emission Limitation	Opt-In Unit	23C-Option
PREHTRSTK	R7ICI-0001	PRHTR	2-40			NG				310D		

**Texas Commission on Environmental Quality
 Process Heater/Furnace Attributes
 Form OP-UA5 (Page 2)
 Federal Operating Permit Program**

Table 1b: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and
 Institutional Sources in Ozone Nonattainment Areas, Process Heaters**

Date: 08/11/2015	Permit: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN604683482

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NO _x Emission Limit Basis	NO _x Reduction	Common Stack Combined	Fuel Type Heat Input	NO _x Monitoring System
PREHTRSTK	R7ICI-0001	NO		30DAY	NONE			MERT

**Texas Commission on Environmental Quality
Process Heater/Furnace Attributes
Form OP-UA5 (Page 3)
Federal Operating Permit Program**

Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas, Process Heaters

Date: 08/11/2015	Permit: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN604683482

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Monitoring
PREHTRSTK	R7ICI-0001	X40A	310C	OTHER		

Attachment 9

OP-REQ2

**Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program**

Date: 08/11/2015	Permit No.: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN604683482

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
	2	PREHTRSTK	OP-UA5	MACT DDDDD	§ 63.7485	Not subject as the facility is not a major source of HAPs.

Whitney Hill

From: Whitney Hill
Sent: Thursday, July 09, 2015 10:57 AM
To: 'floyd.dickerson@eco-services.com'; 'david.laurie@eco-services.com'
Subject: Renewal Application Review -- FOP O1610/Project 18273, Eco Services Operations LLC/Baytown Plant

I have been assigned to the Federal Operating Permit (FOP) renewal application for Eco Services Operations LLC, Baytown Plant and have begun technical review. This application for renewal of Permit No. O1610 has been assigned Project No. 18273. Please address all correspondence pertaining to this permit application, including updates, to me at the address below, and use the Permit and Project reference numbers above to facilitate tracking.

This renewal project and a significant revision project to incorporate PSD permit PSDTX695 into the permit were on hold until the PSD permit was issued. Since this permit was issued in November, the renewal project can be issued. Any changes from the significant revision will be incorporated into the renewal project. **Please submit the following form/information by July 28, 2015:**

- Any forms that correspond to changes that have been made at the site since 2012
- The most recent OP-REQ1
- The OP-MON for CAM (if applicable) for PRO-REGEN and 1 for 40 CFR Part 60, Subpart H for SO2
- The OP-UA05 for emission units 1 and PREHTRSTK

In accordance with the policy memorandum dated January 6, 2006 available at <http://www.tceq.texas.gov/assets/public/permitting/air/memos/voidguide06.pdf>, please be advised that failure to submit all of the information necessary to process your application by the deadline specified will result in the voidance of this application.

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Whitney Hill

Air Permits Division
Texas Commission on Environmental Quality
M.C-163 P.O. Box 13087
Austin, TX 78711-3087
Whitney.Hill@tceq.texas.gov
Phone: (512) 239-1301
Fax: (512) 239-7130

ECOSERVICES

ENFORCEMENT DIVISION

2014 DEC -9 AM 8:20

Eco Services Operations LLC
Baytown Plant

Certified Mail: Return Receipt Requested (7011 2970 0000 3521 0510)

December 2, 2014

Texas Commission on Environmental Quality
Central Registry Program
~~Mail Code MC 224~~
P.O. Box 13087
Austin, TX 78711-3087

DEC 09 2014
RECEIVED

PERMITS DIVISION
DEC 09 2014
RECEIVED

Re: Eco Services Operations LLC
Baytown Plant *DL610*
CN 604686482/RN100211317

DEC 09 2014
APIRT

Dear Sir or Madame:

With the corporate ownership change from Solvay USA Inc. to Eco Services Operations LLC, TCEQ has changed the company's Customer Number.

Please find attached the TCEQ Core Data Form for the Baytown plant.

If you have any questions, please do not hesitate to contact me at (713) 924-1408.

Sincerely,



W. F. Dickerson
Environmental Manager

attachments



TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

DEC 03 2014
APIRT

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided)			
<input type="checkbox"/>	New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)		
<input type="checkbox"/>	Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/>	Other Delegation of Authority
2. Attachments Describe Any Attachments: (ex. Title V Application, Waste Transporter Application, etc.)			
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No Form OP-DEL (TCEQ-10011)
3. Customer Reference Number (if issued)		4. Regulated Entity Reference Number (if issued)	
CN 604683482		RN 100211317	

SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)		12/1/2014	
6. Customer Role (Proposed or Actual) – as it relates to the <u>Regulated Entity</u> listed on this form. Please check only <u>one</u> of the following:			
<input type="checkbox"/>	Owner	<input type="checkbox"/>	Operator
<input checked="" type="checkbox"/>	Owner & Operator	<input type="checkbox"/>	Voluntary Cleanup Applicant
<input type="checkbox"/>	Occupational Licensee	<input type="checkbox"/>	Responsible Party
<input type="checkbox"/>	Other: _____		
7. General Customer Information			
<input type="checkbox"/>	New Customer	<input type="checkbox"/>	Update to Customer Information
<input type="checkbox"/>	Change in Legal Name (Verifiable with the Texas Secretary of State)	<input type="checkbox"/>	Change in Regulated Entity Ownership
<input checked="" type="checkbox"/>	No Change**		
**If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.			
8. Type of Customer:		<input type="checkbox"/>	Corporation
<input type="checkbox"/>	City Government	<input type="checkbox"/>	Individual
<input type="checkbox"/>	County Government	<input type="checkbox"/>	Federal Government
<input type="checkbox"/>	Other Government	<input type="checkbox"/>	Limited Partnership
<input type="checkbox"/>	General Partnership	<input type="checkbox"/>	Sole Proprietorship- D.B.A
<input type="checkbox"/>	State Government	<input type="checkbox"/>	Other: _____
9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)		<i>If new Customer, enter previous Customer below</i>	
		<i>End Date:</i>	
10. Mailing Address:			
City	State	ZIP	ZIP + 4
11. Country Mailing Information (if outside USA)		12. E-Mail Address (if applicable)	
13. Telephone Number		14. Extension or Code	
() -		() -	
15. Fax Number (if applicable)			
() -			
16. Federal Tax ID (9 digits)		17. TX State Franchise Tax ID (11 digits)	
18. DUNS Number (if applicable)		19. TX SOS Filing Number (if applicable)	
20. Number of Employees		21. Independently Owned and Operated?	
<input type="checkbox"/>	0-20	<input type="checkbox"/>	Yes
<input type="checkbox"/>	21-100	<input type="checkbox"/>	No
<input type="checkbox"/>	101-250		
<input type="checkbox"/>	251-500		
<input type="checkbox"/>	501 and higher		

SECTION III: Regulated Entity Information

22. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)			
<input type="checkbox"/>	New Regulated Entity	<input type="checkbox"/>	Update to Regulated Entity Name
<input type="checkbox"/>	Update to Regulated Entity Information	<input checked="" type="checkbox"/>	No Change** (See below)
**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.			
23. Regulated Entity Name (name of the site where the regulated action is taking place)			

24. Street Address of the Regulated Entity: (No P.O. Boxes)						
	City		State		ZIP	ZIP + 4
25. Mailing Address:						
	City		State		ZIP	ZIP + 4
26. E-Mail Address:						
27. Telephone Number		28. Extension or Code		29. Fax Number (if applicable)		
() -				() -		
30. Primary SIC Code (4 digits)		31. Secondary SIC Code (4 digits)		32. Primary NAICS Code (5 or 6 digits)		33. Secondary NAICS Code (5 or 6 digits)
34. What is the Primary Business of this entity? (Please do not repeat the SIC or NAICS description.)						

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:							
36. Nearest City		County		State		Nearest ZIP Code	
37. Latitude (N) In Decimal:			38. Longitude (W) In Decimal:				
Degrees	Minutes		Seconds		Degrees	Minutes	

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Industrial Hazardous Waste	<input type="checkbox"/> Municipal Solid Waste
<input checked="" type="checkbox"/> New Source Review – Air	<input checked="" type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS	<input type="checkbox"/> Sludge
56534, 9565, 11660, 12675, 86388, PSDTX695 (M2), (M3)	101136		1011077	
<input type="checkbox"/> Stormwater	<input checked="" type="checkbox"/> Title V – Air	<input type="checkbox"/> Tires	<input checked="" type="checkbox"/> Used Oil	<input type="checkbox"/> Utilities
	O-1610		HOU00071	
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input checked="" type="checkbox"/> Other: ISW Registration
				30708

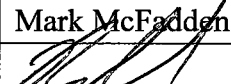
SECTION IV: Preparer Information

40. Name:	Floyd Dickerson	41. Title:	Environmental Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 924-1408		(713) 835-3261	floyd.dickerson@solvay.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Eco Services Operations LLC	Job Title:	Vice President and Secretary
Name (In Print):	Mark McFadden	Phone:	(212) 600-9674
Signature:		Date:	11-17-14

ECOSERVICES



Eco Services Operations LLC
Houston Plant

Certified Mail; Return Receipt Requested (7011 2000 0001 4575 1538)

December 2, 2014

Texas Commission on Environmental Quality
Air Permit Division – MC 163
P.O. Box 13087
Austin, TX 78711-3087

Re: Eco Services Operations LLC
Baytown, Texas Facility
Title V Permit No: O-01610
Account No.: HG-0696-Q
CN604683482/RN100211317

Houston, Texas Facility
Title V Permit No: O-03049
Account No.: HG-0697-O
CN604683482/RN100220581

Dear Sir or Madame:

Please find attached Form OP-DEL, Delegation of Responsible Official Authority for the Federal Operating Permit Program for the Eco Services Baytown and Houston plants.

Please contact me at 713-924-1408 if you have any comments or require any additional information on this matter.

Sincerely,

W. F. Dickerson
Environmental Manager

attachment

cc: Air Section Manager, TCEQ, Region 12

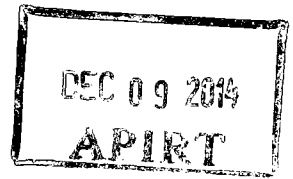
**Form OP-DEL
Change of Responsible Official Information
Federal Operating Permit Program**



A Responsible Official (RO may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. Signature stamps can be accepted in place of an original signature. Faxes, photocopies, and electronic submittals can be accepted in place of an original Form OP-DEL; however, a follow-up submittal of the original Form OP-DEL is requested

I. Identifying Information		
Account No.: HG-0697-O	RN: 100220581	CN: 604683482
Permit No.: O-3049	Area Name: Houston Plant	
Company Name: Eco Services Operations LLC		
II. Duly Authorized Representative Information		
Action Type:	<input checked="" type="checkbox"/> New DAR Identification	<input type="checkbox"/> Administrative Information Change
Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) William J. McConnell		
Title: Plant Manager	Delegation Effective Date: 12/1/2014	
Telephone No.: (713) 924-1401	Fax No.: (713) 835-3252	
Mailing Address: 8615 Manchester Street		
City: Houston	State: Texas	ZIP: 77012
Delivery Address: 8615 Manchester Street		
City: Houston	State: Texas	ZIP: 77012
III. Certification of Truth, Accuracy, and Completeness		
I, <u>Mark D. McFadden</u> , certify that, based on <i>(RO or DAR name printed or typed)</i>		
information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete.		
Responsible Official Signature:		
Date: December __, 2014	Title: Vice President and Secretary	
Duly Authorized Representative Signature:		
Date: December <u>2</u> , 2014	Title: Plant Manager	
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s):		
<i>(RO or DAR name Printed or typed)</i>		Effective Date: _____
Responsible Official Signature: _____		
Date: _____	Title: _____	

**Form OP-DEL
Change of Responsible Official Information
Federal Operating Permit Program
(Extension)**



V. Additional Identifying Information		
Account No.: HG-0696-Q	RN: 100211317	CN: 604683482
Permit No.: O-1610		Area Name: Baytown Plant
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:
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Account No.:	RN:	CN:
Permit No.:		Area Name:
Account No.:	RN:	CN:
Permit No.:		Area Name:



Texas Commission on Environmental Quality
Air Permits Division
Change of Name/Ownership Form

I. Application Type		
<input checked="" type="checkbox"/> Change in Ownership		<input type="checkbox"/> Change in Company Name
II. Name of the New Owner or Operator of the Facilities or Equipment (Legal Entity Name of the new permittee)		
A. Customer Name: Eco Services Operations LLC		
B. Customer Reference Number (CN) (if issued): 604683482		
C. Submittal Date: 12/01/2014		
D. Effective Date of Change: 12/01/2014		
E. Is the new owner an affiliate of the previous owner?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Responsible Official (RO) Contact Information		
Name (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.): Mark McFadden		
Title: Vice President and Secretary		
Company Name: Eco Services Operations LLC		
Mailing Address: c/o CCMP Capital Advisors, LLC, 245 Park Avenue, 16 th Floor		
City: New York	State: New York	Zip Code: 10167
Territory: N/A		Country: United States
Foreign Postal Code: N/A		Internal Mail Code: N/A
Telephone No.: (212) 600-9674		Fax No.: (212) 599-3481
E-mail Address: Mark.McFadden@ccmpcapital.com		
IV. Technical Contact Information		
Name (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.): W. F. Dickerson		
Title: Environmental Manager		
Company Name: Solvay		
Mailing Address: 8615 Manchester Street		
City: Houston	State: Texas	Zip Code: 77012
Territory: N/A		Country: United States
Foreign Postal Code: N/A		Internal Mail Code:
Telephone No.: 713-924-1408		Fax No.: 713-835-3261
E-mail Address: Floyd.dickerson@solvay.com		
V. Site Information		
A. Site Name: Eco Services Operations Baytown Plant		
B. Regulated Entity Number (RN) (if issued): RN100211317		
C. Account Number (if issued): HG0696Q		

Eco Services

DEC 01 2014
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**Texas Commission on Environmental Quality
Air Permits Division
Change of Name/Ownership Form**

V. Site Information (continued)								
D. If action is transfer of ownership, is the change for the entire site?							<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
E. If action is transfer of ownership for a portion of the existing site, will the new site be a major source?							<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	
F. Indicate all pollutants for which the site is a major source based on the site's potential to emit.								
Pollutant:	VOC	NO _x	SO ₂	PM ₁₀	CO	PB	HAPs	Other
Major at the Site (YES/NO):	No	Yes	Yes	No	No	No	No	
VI. Air Authorizations That Are Affected By This Action								
A. List all NSR authorizations (including PBR, SE, and standard permit registrations, and NSR permits), as applicable: PSDTX695, PSDTX695M2, PSDTX695M3, 56534, 11660, 12675, 86388, 9565								
B. List all FOPs (including SOPs and ATOs under GOPs), as applicable: O-1610								
VII. NSR Conditions for Change of Ownership under 30 TAC § 116.110(e)								
<ul style="list-style-type: none"> • The new owner agrees to be bound by all the permit conditions and all representations made in the permit and any amendments and alterations. • The new owner asserts there will be no change in the type of pollutants emitted. • The new owner asserts there will be no increase in the quantity emitted. 								
VIII. FOP Conditions for Change of Ownership								
<ul style="list-style-type: none"> • For SOP holders: Pursuant to 30 TAC § 122.210 and § 122.211, the permit holder (new owner) is required to submit a permit revision application for a change to the permit identification of ownership or operational control of a site. The change must be facilitated by a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder. This written agreement is maintained with the permit. • For GOP holders: Pursuant to 30 TAC § 122.503, the permit holder (new owner) is required to submit (before the change is operated) an application for a new authorization to operate for a change to the permit identification of ownership or operational control of a site. The change must be facilitated by a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the old and new permit holder. This written agreement is maintained with the permit. 								
A. Are any other changes needed for the FOP? <i>(If YES, submit the information as explained in the instructions.)</i>							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
B. Is there an Acid Rain permit or Clean Air Interstate Rule (CAIR) permit included in the SOP? <i>(If YES, submit the information as explained in the instructions.)</i>							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IX. Authorization								
I, <u>Mark McFadden</u> , certify that I am the responsible official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.								
Signature:					Signature Date: <u>9/22/14</u>			
Title: Vice President and Secretary								



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided)			
<input type="checkbox"/>	New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)		
<input type="checkbox"/>	Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/>	Other
2. Attachments		Describe Any Attachments: (ex. Title V Application, Waste Transporter Application, etc.)	
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Form 20405			
3. Customer Reference Number (If Issued)		4. Regulated Entity Reference Number (If Issued)	
CN 604683482		RN 100211317	

SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)		12/1/2014	
6. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check only one of the following:			
<input type="checkbox"/>	Owner	<input type="checkbox"/>	Operator
<input checked="" type="checkbox"/>	Owner & Operator	<input type="checkbox"/>	Voluntary Cleanup Applicant
<input type="checkbox"/>	Occupational Licensee	<input type="checkbox"/>	Responsible Party
7. General Customer Information			
<input checked="" type="checkbox"/>	New Customer	<input type="checkbox"/>	Update to Customer Information
<input type="checkbox"/>	Change in Legal Name (Verifiable with the Texas Secretary of State)	<input type="checkbox"/>	Change in Regulated Entity Ownership
If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.		<input type="checkbox"/>	No Change
8. Type of Customer:			
<input checked="" type="checkbox"/>	Corporation	<input type="checkbox"/>	Individual
<input type="checkbox"/>	City Government	<input type="checkbox"/>	Federal Government
<input type="checkbox"/>	County Government	<input type="checkbox"/>	State Government
<input type="checkbox"/>	Other Government	<input type="checkbox"/>	General Partnership
<input type="checkbox"/>	Other: _____	<input type="checkbox"/>	Limited Partnership
9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)		If new Customer, enter previous Customer below	
Eco Services Operations LLC		Solvay USA Inc.	
End Date:		11/30/2014	
10. Mailing Address:			
c/o CCMP Capital Advisors, LLC			
245 Park Avenue, 16th Floor			
City	New York	State	NY
ZIP	10167	ZIP + 4	
11. Country Mailing Information (if outside USA)		12. E-Mail Address (if applicable)	
		richard.jansen@ccmpcapital.com	
13. Telephone Number		14. Extension or Code	
(212) 600-9637			
15. Fax Number (if applicable)			
(212) 599-3481			
16. Federal Tax ID (9 digits)		17. TX State Franchise Tax ID (11 digits)	
47-161103		32054951721	
18. DUNS Number (if applicable)		19. TX SOS Filing Number (if applicable)	
		802049756	
20. Number of Employees		21. Independently Owned and Operated?	
<input type="checkbox"/>	0-20	<input type="checkbox"/>	Yes
<input type="checkbox"/>	21-100	<input checked="" type="checkbox"/>	No
<input type="checkbox"/>	101-250		
<input type="checkbox"/>	251-500		
<input checked="" type="checkbox"/>	501 and higher		

SECTION III: Regulated Entity Information

22. General Regulated Entity Information (If New Regulated Entity is selected below this form should be accompanied by a permit application)			
<input type="checkbox"/>	New Regulated Entity	<input checked="" type="checkbox"/>	Update to Regulated Entity Name
<input type="checkbox"/>	Update to Regulated Entity Information	<input type="checkbox"/>	No Change** (See below)
**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.			
23. Regulated Entity Name (name of the site where the regulated action is taking place)			
Eco Services Operations LLC			

24. Street Address of the Regulated Entity: (No P.O. Boxes)	3439 Park Street						
	City	Baytown	State	TX	ZIP	77520	ZIP + 4
25. Mailing Address:	P.O. Box 3331						
	City	Baytown	State	TX	ZIP	77522	ZIP + 4 3331
26. E-Mail Address:	floyd.dickerson@solvay.com						
27. Telephone Number	28. Extension or Code			29. Fax Number (if applicable)			
(713) 924-1408				(713) 835-3252			
30. Primary SIC Code (4 digits)	31. Secondary SIC Code (4 digits)	32. Primary NAICS Code (5 or 6 digits)		33. Secondary NAICS Code (5 or 6 digits)			
2819		325180		325188			
34. What is the Primary Business of this entity? (Please do not repeat the SIC or NAICS description.)							
Manufacture of sulfuric acid							

Questions 34 - 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:							
36. Nearest City	County		State		Nearest ZIP Code		
Baytown	Harris		TX		77520		
37. Latitude (N) In Decimal:	29.7475			38. Longitude (W) In Decimal:	-95.00194444		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29	44	50.9994	-95	0	6.9978		

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form Instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Industrial Hazardous Waste	<input type="checkbox"/> Municipal Solid Waste
<input checked="" type="checkbox"/> New Source Review - Air	<input checked="" type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS	<input type="checkbox"/> Sludge
56534, 9565, 11660, 12675, 86388, PSDTX695 (M2), (M3)	101136		1011077	
<input type="checkbox"/> Stormwater	<input checked="" type="checkbox"/> Title V - Air	<input type="checkbox"/> Tires	<input checked="" type="checkbox"/> Used Oil	<input type="checkbox"/> Utilities
	O-1610		HOU00071	
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input checked="" type="checkbox"/> Other: ISW Registration
				30708


SECTION IV: Preparer Information

40. Name:	Floyd Dickerson			41. Title:	Environmental Manager		
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address				
(713) 924-1408		(713) 835-3261	floyd.dickerson@solvay.com				

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Eco Services Operations LLC	Job Title:	Vice President and Secretary		
Name (In Print):	Mark McFadden	Phone:	(212) 600-9674		
Signature:		Date:	9/22/14		

401 Congress Avenue
Suite 2100
Austin, Texas 78701

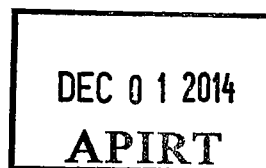
512.370.2800 OFFICE
512.370.2850 FAX
winstead.com

512.370.2833 DIRECT
crupprath@winstead.com

December 1, 2014

VIA HAND DELIVERY

Mr. Johnny D. Bowers
Texas Commission on Environmental Quality
Air Permits Initial Review Team, Office of Air
Mail Code MC 161
12100 Park 35 Circle
Austin, Texas 78711-3087



**Re: Change of Ownership
Eco Services Operations LLC – Baytown Plant
CN604683482; RN100211317
Account Number: HG-0696-Q
(Currently issued to Solvay USA Inc.)**

Dear Mr. Bowers:

This letter serves as notification that on December 1, 2014, Eco Services Operations LLC ("Eco Services"), became the owner and operator of the above-referenced plant which was previously owned by Solvay USA Inc. ("Solvay").

Eco Services has acquired Solvay's sulfuric acid manufacturing business. The sale includes Solvay's Baytown plant, located at 3439 Park Street, Baytown, Texas 77520, which holds air permits 56534, 9565, 11660, 12675, 86388, PSDTX695, PSDTX695M2, PSDTX695M3, and Federal Operating Permit ("FOP") O-1610. In addition, Eco Services has acquired Air Account No. HG-0696-Q.

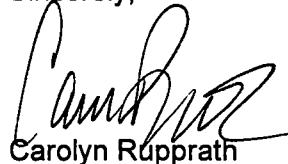
Eco Services agrees to be bound by all permit conditions and all representation made in the permit and any amendments or alterations. Additionally, it is important to note that the ownership change will not result in changes to the type or quantity of pollutants emitted. In connection with this transfer, please find enclosed the following documents:

1. Core Data Form;
2. Change of Name/Ownership Form (TCEQ Form 20405); and
3. Written Agreement between Solvay and Eco Services containing the specific date of transfer of permit responsibility for FOP O-1610.

Mr. Johnny D. Bowers
December 1, 2014
Page 2

Thank you for your assistance with this change of ownership notification. If you have any questions, please call me at (512) 370-2833.

Sincerely,



Carolyn Rupprath

Enclosures

cc: Mr. Andy Goodridge, Air Section Manager
TCEQ Region 12
5425 Polk St., Ste. H
Houston, Texas 77023-1452

**AGREEMENT TRANSFERRING RESPONSIBILITY UNDER BAYTOWN PLANT
TITLE V PERMIT NO. O-1610
FROM SOLVAY USA INC. TO ECO SERVICES OPERATIONS LLC**

December 1, 2014

I. BACKGROUND

WHEREAS, Eco Services Operations LLC ("Eco Services") is in the process of acquiring the sulfuric acid manufacturing business of Solvay USA Inc. ("Solvay") (the "Transaction").

WHEREAS, as of the closing of the Transaction, which currently is targeted for on or about December 1, 2014 ("Closing Date"), Eco Services will own and operate Solvay's Baytown, Texas plant, RN100211317 ("Baytown Plant").

WHEREAS, Eco Services has submitted the Change of Name/Ownership Form (Form 20405) to the Texas Commission on Environmental Quality (the "TCEQ") Air Permits Division to request the transfer of all of the air permits currently issued to Solvay for its Baytown Plant, including its Title V Permit O-1610.

WHEREAS, in consideration of, and in exchange for, the promises and covenants herein, Eco Services and Solvay agree to the terms and provisions of this Agreement Transferring Responsibility Under Baytown Plant Title V Permit No. O-1610 from Solvay to Eco Services (this "Agreement").

II. AGREEMENT BETWEEN SOLVAY AND ECO SERVICES

1. As of the Closing Date, and in conjunction with the transfer of Title V Permit No. O-1610, Solvay hereby assigns, and Eco Services simultaneously assumes, all legal responsibilities, coverage, and liability under Title V Permit No. O-1610.

2. Solvay will continue to comply with all responsibilities and obligations under Title V Permit No. O-1610 until the Closing Date, and Eco Services agrees to be bound by and comply with all responsibilities and obligations under Title V Permit No. O-1610 on and after the Closing Date without regard to whether the executive director of the TCEQ has then approved the transfer of Title V Permit No. O-1610 to Eco Services.

3. This Agreement shall bind and inure to the benefit of the parties hereto and their respective successors and assigns.

4. The signatories for the parties each certify that he or she is authorized to enter into the terms and conditions of this Agreement and to execute and bind legally such party to this Agreement.

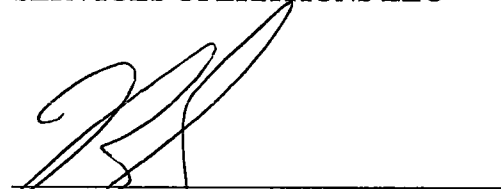
5. This Agreement may be executed in two or more counterparts (including electronically transmitted counterparts), each of which will be deemed an original but all of which will constitute but one instrument.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the date first above written.

ECO SERVICES OPERATIONS LLC

By:



Name: Mark McFadden
Title: Vice President and Secretary

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the date first above written.

SOLVAY USA INC.

By: *William J. McConnell*

Name: William McConnell

Title: Plant Manager

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Zak Covar, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



FILE COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 12, 2014

MR JAMES HARTON
PRESIDENT
SOLVAY USA INC
8 CEDARBROOK DR
CRANBURY NJ 08512-3612

Re: Notification of Final Compliance Certification
Federal Operating Permit
Permit Number: O1610
SOLVAY USA INC.
Baytown Plant
Baytown, Harris County
Regulated Entity Number: RN100211317
Customer Reference Number: CN600125330
Account Number: HG-0696-Q

Dear Mr. Harton:

We have received from Eco Services Operations LLC a letter dated December 1, 2014, concerning an ownership change for the above-referenced site. We have been informed that SOLVAY USA INC. is no longer the owner of the above-referenced facility. Our files have been updated to document this change.

You must submit a compliance certification (Form PCC) and deviation report(s) as required by 30 Texas Administrative Code § 122.145 and 146 for the period from the day after the end date of the most recent certification to the effective date of the transfer of ownership agreement (not to exceed 12 months). The compliance certification is due within 30 days after the effective date of the transfer of ownership agreement and should be submitted to the TCEQ Houston Regional Office, 5425 Polk Street, Suite H, Houston, Texas 77023-1452 and the Environmental Protection Agency Region VI. **Please contact the regional office at (713) 767-3500 if you have any questions regarding the compliance certification process.**

Please maintain a copy of this letter with your records for future reference. If you have questions concerning the review or this notice, please contact Ms. Toni Oyler at (512) 239-1311.

Mr. James Harton
Page 2
December 12, 2014

This action is taken under authority delegated by the Executive Director of the Texas Commission on Environmental Quality.

Sincerely,

A handwritten signature in black ink, appearing to read "Johnny D. Bowers", with a long horizontal flourish extending to the right.

Johnny D. Bowers, Team Leader
Air Permits Initial Review Team
Air Permits Division
Texas Commission on Environmental Quality

JDB/to

Enclosure

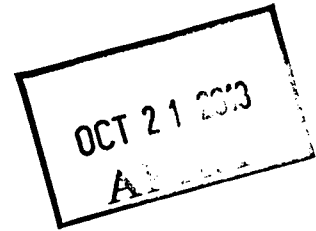
cc: Air Section Manager, Region 12 - Houston
Air Permit Section Chief, U.S. Environmental Protection Agency, Region 6 - Dallas

Project Number: 18273



SOLVAY
asking more from chemistry®

*Solvay USA Inc.
Houston Plant*



CERTIFIED MAIL: Return Receipt Requested (7011 2000 0001 4575 0296)

October 16, 2013

Texas Commission on Environmental Quality
Air Permit Division MC-163
P.O. Box 13087
Austin, Texas 78711-3087

RE: Solvay USA Inc.
Forms OP-DEL and OP-CRO2
Houston, Texas Facility
Company Name Change
CN600125330/RN100220581
Baytown, Texas Facility
Company Name Change
CN600125330/RN100211317

**AIR PERMITS DIVISION
OCT 21 2013
RECEIVED**

Dear Sir or Madame:

Rhodia Inc. has formally changed its corporation name to Solvay USA Inc. This is a name change only; there was no change of ownership.

Please find attached the Forms OP-DEL and OP-CRO2 and TCEQ Core Data Forms for the Houston and Baytown plants for this name change.

If you have any questions, please do not hesitate to contact me at (713) 924-1408.

Sincerely,

W. F. Dickerson
Environmental Manager

attachment

Solvay USA Inc.
Houston Plant
8615 Manchester Street
Houston, TX 77012



**Form OP-DEL
Change of Responsible Official Information
Federal Operating Permit Program**

OCT 21 2013
APD

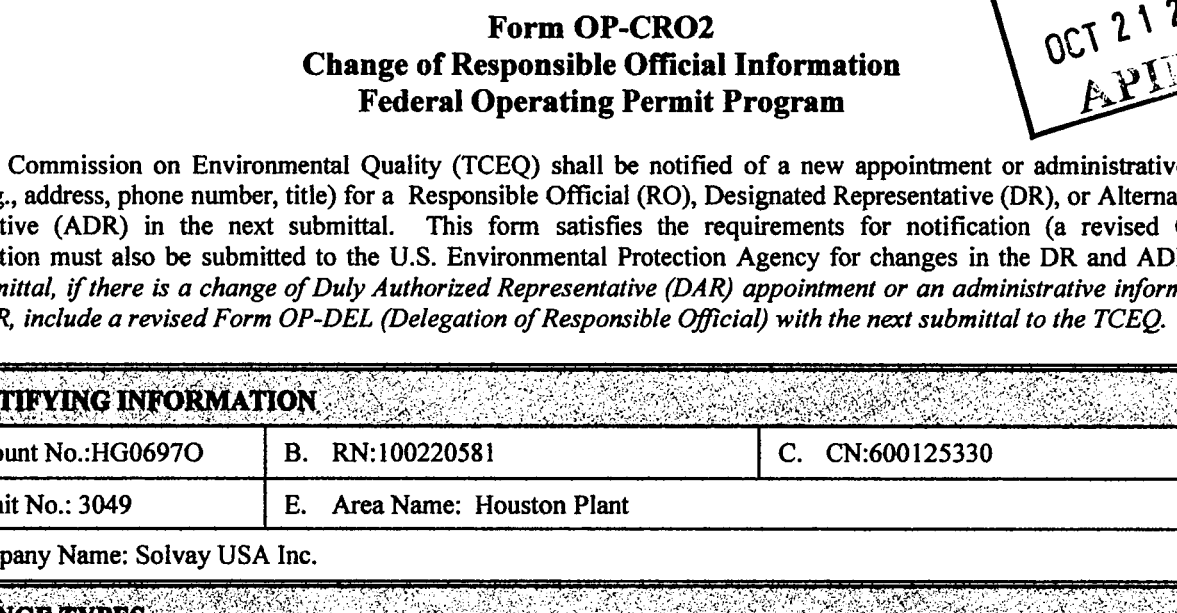
A Responsible Official (RO) may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. Signature stamps can be accepted in place of an original signature. Faxes, photocopies, and electronic submittals can be accepted in place of an original Form OP-DEL; however, a follow-up submittal of the original Form OP-DEL is requested

I. Identifying Information		
Account No.: HG06970	RN:100220581	CN:600125330
Permit No.:3049	Area Name: Houston Plant	
Company Name: USA Inc.		
II. Duly Authorized Representative Information		
Action Type:	<input type="checkbox"/> New DAR Identification	<input checked="" type="checkbox"/> Administrative Information Change
Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) James Harton		
Title: President	Delegation Effective Date: October 1, 2013	
Telephone No.: 609-860-4456	Fax No.: 609-860-2222	
Mailing Address 8 Cedar Brook		
City: Cranbury	State: New Jersey	ZIP: 08512-7500
Delivery Address: 8 Cedar Brook		
City: Cranbury	State: New Jersey	ZIP:08512-7500
III. Certification of Truth, Accuracy, and Completeness		
I, James Harton _____, certify that, based on information and belief (RO or DAR name printed or typed)		
formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete.		
Responsible Official Signature: _____	10-15-2013 (Signature Date)	
Title: President, Eco Services _____		
Duly Authorized Representative Signature: _____	10/16/13 (Signature Date)	
Title: Plant Manager of Solvay USA Inc. Houston and Baytown Plants _____		
IV. Removal of Duly Authorized Representative(s)		
The following should be removed as Duly Authorized Representative(s):		
_____ Effective Date: _____ (DAR name(s) printed or typed)		
Responsible Official Signature: _____ Signature Date: _____		
Title: _____		

**Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program**

OCT 21 2013
APIT

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection Agency for changes in the DR and ADR). *After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or an administrative information change for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to the TCEQ.*

I. IDENTIFYING INFORMATION		
A. Account No.:HG06970	B. RN:100220581	C. CN:600125330
D. Permit No.: 3049	E. Area Name: Houston Plant	
F. Company Name: Solvay USA Inc.		
II. CHANGE TYPES		
A. Action Type:	New Appointment: <input type="checkbox"/>	Administrative Information Change: <input checked="" type="checkbox"/>
B. Contact Type (<i>only one response can be accepted per form</i>)		
Responsible Official: <input checked="" type="checkbox"/>	Designated Representative: <input type="checkbox"/>	Alternate Designated Representative: <input type="checkbox"/>
III. RESPONSIBLE OFFICIAL/DESIGNATED REPRESENTATIVE/ALTERNATE DESIGNATED REPRESENTATIVE INFORMATION		
A. Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) James Harton		
B. Title: President	C. Appointment Effective Date: October 1, 2013	
D. Telephone: 609-860-4456	E. Fax: 609-860-2222	
F. Company Name: Solvay USA Inc.		
G. Mailing Address: 8 Cedar Brook		
City: Cranbury	State: New Jersey	Zip Code: 08512-7500
H. Delivery Address: 8 Cedar Brook		
City: Cranbury	State: New Jersey	Zip Code: 08512-7500
IV. CERTIFICATION OF TRUTH, ACCURACY, AND COMPLETENESS		
This certification does not extend to information which is designated by the TCEQ as information for reference only.		
I, <u>James Harton</u> , certify that, based on information and belief formed after reasonable inquiry, the <i>(Name printed or typed)</i> statements and information stated above are true, accurate, and complete.		
Signature: 	Signature Date: <u>10-15-2013</u>	
Title: <u>President Eco Services</u>		

Form OP-CRO2
Change of Responsible Official Information (Extension)
Federal Operating Permit Program

V. ADDITIONAL IDENTIFYING INFORMATION	
A. Account No.:HG0696Q	B. RN: 100211317
C. CN: 600125330	D. Permit No.: 1610
E. Area Name: Baytown Plant	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Area Name:	



TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided)			
<input type="checkbox"/>	New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)		
<input type="checkbox"/>	Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/>	Other Company Name Change
2. Attachments Describe Any Attachments: (ex. Title V Application, Waste Transporter Application, etc.)			
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Forms OP-DEL and OP-CRO2			
3. Customer Reference Number (if issued)		4. Regulated Entity Reference Number (if issued)	
CN 600125330		RN 100211317	
		Follow this link to search for CN or RN numbers in Central Registry**	

SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)		10/1/2013	
6. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check only one of the following:			
<input type="checkbox"/>	Owner	<input type="checkbox"/>	Operator
<input checked="" type="checkbox"/>	Owner & Operator	<input type="checkbox"/>	Voluntary Cleanup Applicant
<input type="checkbox"/>	Occupational Licensee	<input type="checkbox"/>	Responsible Party
<input type="checkbox"/>	Other: _____		
7. General Customer Information			
<input type="checkbox"/>	New Customer	<input type="checkbox"/>	Update to Customer Information
<input checked="" type="checkbox"/>	Change in Legal Name (Verifiable with the Texas Secretary of State)	<input type="checkbox"/>	Change in Regulated Entity Ownership
<input type="checkbox"/>	No Change**		
**If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.			
8. Type of Customer:		<input checked="" type="checkbox"/>	Corporation
<input type="checkbox"/>	City Government	<input type="checkbox"/>	Individual
<input type="checkbox"/>	County Government	<input type="checkbox"/>	Federal Government
<input type="checkbox"/>	Other Government	<input type="checkbox"/>	State Government
<input type="checkbox"/>	General Partnership	<input type="checkbox"/>	Limited Partnership
<input type="checkbox"/>	Other: _____		
9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)		If new Customer, enter previous Customer below	
Solvay USA Inc.		End Date:	
10. Mailing Address:			
8 Cedar Brook			
City	Cranbury	State	NJ
ZIP	08512	ZIP + 4	7500
11. Country Mailing Information (if outside USA)		12. E-Mail Address (if applicable)	
13. Telephone Number		14. Extension or Code	
(609) 860-4000			
		15. Fax Number (if applicable)	
		(609) 409-2845	
16. Federal Tax ID (9 digits)		17. TX State Franchise Tax ID (11 digits)	
223539954		12235399545	
		18. DUNS Number (if applicable)	
		002959810	
		19. TX SOS Filing Number (if applicable)	
20. Number of Employees		21. Independently Owned and Operated?	
<input type="checkbox"/>	0-20	<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	21-100	<input type="checkbox"/>	No
<input type="checkbox"/>	101-250		
<input type="checkbox"/>	251-500		
<input checked="" type="checkbox"/>	501 and higher		

SECTION III: Regulated Entity Information

22. General Regulated Entity Information (If "New Regulated Entity" is selected below this form should be accompanied by a permit application)			
<input type="checkbox"/>	New Regulated Entity	<input checked="" type="checkbox"/>	Update to Regulated Entity Name
<input type="checkbox"/>	Update to Regulated Entity Information		<input type="checkbox"/>
<input type="checkbox"/>	No Change** (See below)		
**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.			
23. Regulated Entity Name (name of the site where the regulated action is taking place)			
Solvay USA Inc.			

24. Street Address of the Regulated Entity: (No P.O. Boxes)	3439 Park Street						
	City	Baytown	State	TX	ZIP	77520	ZIP + 4
25. Mailing Address:	P.O. Box 3331						
	City	Baytown	State	TX	ZIP	77522	ZIP + 4 3331
26. E-Mail Address:							
27. Telephone Number	28. Extension or Code		29. Fax Number (if applicable)				
(281) 691-6500			(281) 427-1527				
30. Primary SIC Code (4 digits)	31. Secondary SIC Code (4 digits)	32. Primary NAICS Code (5 or 6 digits)		33. Secondary NAICS Code (5 or 6 digits)			
2819		325188					
34. What is the Primary Business of this entity? (Please do not repeat the SIC or NAICS description.)							
Manufacture of sulfuric acid							

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:					
36. Nearest City		County		State	Nearest ZIP Code
Baytown		Harris		TX	77520
37. Latitude (N) In Decimal:			38. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
29	44	51	95	0	07

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Industrial Hazardous Waste	<input type="checkbox"/> Municipal Solid Waste
<input checked="" type="checkbox"/> New Source Review – Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input checked="" type="checkbox"/> PWS	<input type="checkbox"/> Sludge
9565, 56534			1011077	
<input type="checkbox"/> Stormwater	<input checked="" type="checkbox"/> Title V – Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil	<input type="checkbox"/> Utilities
	001610			
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:


SECTION IV: Preparer Information

40. Name:	Floyd Dickerson	41. Title:	Environmental Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 924-1408		(713) 835-3261	floyd.dickerson@solvay.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Solvay USA Inc.	Job Title:	Plant Manager
Name (In Print):	William J. McConnell	Phone:	(713) 924-1401
Signature:		Date:	10/16/13



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided)			
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application)			
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other Company Name Change	
2. Attachments Describe Any Attachments: (ex. Title V Application, Waste Transporter Application, etc.)			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Forms OP-DEL and OP-CRO2			
3. Customer Reference Number (if issued)		4. Regulated Entity Reference Number (if issued)	
CN 600125330		RN 100220581	

SECTION II: Customer Information

5. Effective Date for Customer Information Updates (mm/dd/yyyy)		10/1/2013	
6. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check only <u>one</u> of the following:			
<input type="checkbox"/> Owner		<input type="checkbox"/> Operator	
<input type="checkbox"/> Occupational Licensee		<input type="checkbox"/> Responsible Party	
<input checked="" type="checkbox"/> Owner & Operator		<input type="checkbox"/> Voluntary Cleanup Applicant	
<input type="checkbox"/> Other: _____			
7. General Customer Information			
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input checked="" type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State)		<input type="checkbox"/> Change in Regulated Entity Ownership	
		<input type="checkbox"/> No Change**	
**If "No Change" and Section I is complete, skip to Section III – Regulated Entity Information.			
8. Type of Customer:		<input checked="" type="checkbox"/> Corporation	
		<input type="checkbox"/> Individual	
		<input type="checkbox"/> Sole Proprietorship- D.B.A	
<input type="checkbox"/> City Government		<input type="checkbox"/> County Government	
		<input type="checkbox"/> Federal Government	
		<input type="checkbox"/> State Government	
<input type="checkbox"/> Other Government		<input type="checkbox"/> General Partnership	
		<input type="checkbox"/> Limited Partnership	
		<input type="checkbox"/> Other: _____	
9. Customer Legal Name (If an individual, print last name first: ex: Doe, John)			End Date:
Solvay USA Inc.			
10. Mailing Address:			
8 Cedar Brook			
City | Cranbury | State | NJ | ZIP | 08512 | ZIP + 4 | 7500			
11. Country Mailing Information (if outside USA)		12. E-Mail Address (if applicable)	
13. Telephone Number		14. Extension or Code	
(609) 860-4000			
		15. Fax Number (if applicable)	
		(609) 409-2845	
16. Federal Tax ID (9 digits)		17. TX State Franchise Tax ID (11 digits)	
223539954		12235399545	
		18. DUNS Number (if applicable)	
		002959810	
		19. TX SOS Filing Number (if applicable)	
20. Number of Employees			21. Independently Owned and Operated?
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

SECTION III: Regulated Entity Information

22. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)			
<input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information <input type="checkbox"/> No Change** (See below)			
**If "NO CHANGE" is checked and Section I is complete, skip to Section IV, Preparer Information.			
23. Regulated Entity Name (name of the site where the regulated action is taking place)			
Solvay USA Inc.			

24. Street Address of the Regulated Entity: <i>(No P.O. Boxes)</i>	8615 Manchester Street						
	City	Houston	State	TX	ZIP	77012	ZIP + 4
25. Mailing Address:	8615 Manchester Street						
	City	Houston	State	TX	ZIP	77012	ZIP + 4
26. E-Mail Address:							
27. Telephone Number	28. Extension or Code		29. Fax Number (if applicable)				
(713) 928-3411			(713) 835-3252				
30. Primary SIC Code (4 digits)	31. Secondary SIC Code (4 digits)	32. Primary NAICS Code (5 or 6 digits)		33. Secondary NAICS Code (5 or 6 digits)			
2819		325188					
34. What is the Primary Business of this entity? <i>(Please do not repeat the SIC or NAICS description.)</i>							
Manufacture of sulfuric acid and commercial hazardous waste incineration							

Questions 34 – 37 address geographic location. Please refer to the instructions for applicability.

35. Description to Physical Location:					
36. Nearest City		County		State	Nearest ZIP Code
Houston		Harris		TX	77012
37. Latitude (N) In Decimal:			38. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
29	43	20	95	16	20

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form or the updates may not be made. If your Program is not listed, check other and write it in. See the Core Data Form instructions for additional guidance.

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input checked="" type="checkbox"/> Industrial Hazardous Waste	<input type="checkbox"/> Municipal Solid Waste
			50095	
<input checked="" type="checkbox"/> New Source Review – Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS	<input type="checkbox"/> Sludge
4802, 19282, 56566				
<input type="checkbox"/> Stormwater	<input checked="" type="checkbox"/> Title V – Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil	<input type="checkbox"/> Utilities
	O3049			
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	00542			

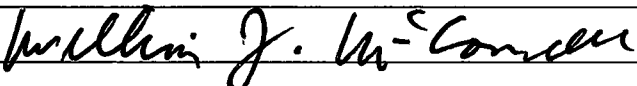
SECTION IV: Preparer Information

40. Name:	Floyd Dickerson	41. Title:	Environmental Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 924-1408		(713) 835-3261	floyd.dickerson@solvay.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 9 and/or as required for the updates to the ID numbers identified in field 39.

(See the Core Data Form instructions for more information on who should sign this form.)

Company:	Solvay USA Inc.	Job Title:	Plant Manager
Name (In Print):	William J. McConnell	Phone:	(713) 924-1401
Signature:		Date:	10/16/13



July 23, 2012

Ms. Lisa Mason,
Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC 161
12100 Park 35 Circle
Building C, Third Floor
Austin, TX 78753

RECEIVED

JUL 24 2012

AIR PERMITS DIVISION

SOS, SOP, DFC
Permit - 1610

Project - 18273
Doc # 64630
CT

RE: Federal Operating Permit Renewal
Permit Number 1610
Rhodia Inc.
Regulated Entity Number: RN100211317
Customer Number: CN600125330
Account Number: HG0696Q

Dear Ms. Mason:

Rhodia Inc. (Rhodia) is submitting the renewal application of above referenced Site Operating Permit (SOP). Permit No. O1610 has an expiration date of January 25, 2013. This application for renewal is required to be received by TCEQ before July 24, 2012.

The required supporting documentation for the federal operating permit O1610 renewal (and revision) is provided in this application.

On behalf of Rhodia, Trinity Consultants Inc. has prepared the application of permit renewal.

If you have any questions on this submittal or require additional information, please feel free to contact David Laurie at (713) 924-1484.

Sincerely,

Pranav Kulkarni
Senior Consultant,
Trinity Consultants

cc: David Laurie – Rhodia Inc.
EPA Region 6
Manual Bautista – TCEQ Region 12

**OPERATING PERMIT O1610 RENEWAL APPLICATION
RHODIA INC. ■ BAYTOWN PLANT**

Prepared by:

TRINITY CONSULTANTS

**1001 West Loop South
Suite 640
Houston, Texas 77027
(713) 552-1360**

July 2012

Project No. 124402.0009

**Trinity[△]
Consultants**

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1. INTRODUCTION

Rhodia Inc. (Rhodia) owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The facility produces sulfuric acid by regenerating spent sulfuric acid (sulfuric acid received from petroleum refining and chemical processes that has been in contact with volatile organic compounds). The Baytown Plant currently operates under the Texas Commission on Environmental Quality (TCEQ) account number HG-0696-Q. Rhodia has a TCEQ Customer Reference Number CN600125330 and the Baytown plant is registered with a Regulated Entity Number RN100211317. The Baytown Plant is authorized by a federal operating permit O1610.

Permit O1610 has an expiration date of January 25, 2013. A renewal notice was sent by the TCEQ to Rhodia on November 29, 2011. With this application, Rhodia intends to renew this permit according to 30 TAC §122.241(b).

Additionally, Rhodia submitted a revision application for the Permit O1610 to reflect the correct regulatory requirement for several tanks in January 2012. For ease of review, updates made in January 2012 significant revision are also included with this renewal application. Rhodia has also identified one gasoline tank and three diesel tanks at Baytown Plant. These tanks are included as part of the revision together with the renewal. Table 1-1 summarizes all the revisions.

Section 2 contains all the required forms for this submittal. A process description is located in Section 3. An area map indicating the site location, a plot plan identifying the location of sources, and process flow diagrams are included in Section 4.

TABLE 1-1. SUMMARY OF CHANGES

Item	Description	Change
GRPACIDTNK	Spent acid tanks T-5, T-6, T-7 and T-8	The tanks are not subject to 40 CFR, Part 60, Subpart Kb due to vapor pressure < 0.5 psia. Additionally, except 30 TAC 115.118 (relating to Recordkeeping Requirements), these tanks are not subject to any other requirements in 30 TAC 115.
T-16	Production Tank	This tank has been changed to 96% to 98% sulfuric acid production tank. Since it does not store VOC, it is no longer subject to 30 TAC 115 requirements. Also, since it is no longer stores any VOC, this tank is not subject to 40 CFR Part 60 Subpart Kb.
T-GAS	Gasoline Tank	New Tank. Authorized by PBR 106.412. The tank is not subject to 40 CFR, Part 60, Subpart Kb due to capacity < 75 cubic meter. Additionally, tank is not subject to any requirements in 30 TAC 115 since capacity < 25000 gallons (storage tank at the motor vehicle dispensing facility).
GRPDIESEL	Diesel Tanks: T-Diesel1, T-Diesel2, T-Diesel3	New Tanks. Authorized by PBR 106.412. New Tank. Authorized by PBR 106.412. These tanks are not subject to 40 CFR, Part 60, Subpart Kb due to capacity < 75 cubic meter. Additionally, except 30 TAC 115.118 (relating to Recordkeeping Requirements), these tanks are not subject to any other requirements in 30 TAC 115.
Permit Shield	T-5, T-6, T-7 and T-8	Remove 40 CFR Part 60 Subpart K from permit shield.
Permit Shield	T-16	Remove 40 CFR Part 60 Subpart K from permit shield.
Permit Shield	T-16	Not subject to 40 CFR Part 60 Subpart Kb or 30 TAC 115.
Periodic Monitoring	VOC control for Tank T-5, T-6, T-7 and T-8	Deleted. These tanks are not subject to periodic monitoring requirement per 30 TAC 115 as their vapor pressures are less than 0.5 psia.
Periodic Monitoring	VOC control for T-16	Deleted. This tank is no longer a VOC storage tank.
Compliance Schedule	T-16,	Deleted for tank T-16. Since tank T-16 no longer stores VOC, no vapor controls (vapor combustor) is needed.
	PREHTRSTK,	The stack test for preheater was performed in time. However, stack test results indicated that Rhodia did not meet the Chapter 117 requirement. Rhodia proposes to schedule another stack test for the preheater based on the compliance plan and schedule as provided in TCEQ OP-ACPS form.
	PKGBOILSTK	The stack tests for package boiler have been completed in time.

2. TCEQ FORMS

OP-CRO1
OP-1
OP-2
OP-SUMR
OP-UA3
OP-REQ1
OP-REQ2
OP-MON
OP-ACPS

OP-CRO1



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

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JUL 24 2012

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION		
A. RN: 100211317	B. CN: 600125330	C. Account No.: HG-0696-Q
D. Permit No.: O-1610	E. Project No.: TBA	
F. Area Name: Baytown Plant		
G. Company Name: Rhodia Inc.		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>		
A. <input type="checkbox"/> Responsible Official:	B. <input checked="" type="checkbox"/> Duly Authorized Representative: William McConnell	
III. SUBMITTAL TYPE <i>(Place an "X" in the appropriate box) (Only one response can be accepted per form)</i>		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. CERTIFICATION OF TRUTH		
This certification does not extend to information which is designated by the TCEQ as information for reference only.		
I, <u>William McConnell</u> , certify that I am the <u>DAR</u> for this application <i>(Certifier Name printed or typed) (RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period in Section IV.A below, or on the specific date(s) in Section IV.B below, are true, accurate, and complete:		
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>		
A. Time Period: From _____ to _____ <i>Start Date* End Date*</i>		
OR		
B. Specific Dates: <u>07/24/2012</u> <i>Date 1* Date 2* Date 3* Date 4* Date 5* Date 6* Date 7* Date 8*</i>		
<i>*The Time Period option may only be used when the "Submittal Type" is 'Update to Permit Application' and there are multiple uncertified submittals; or a submittal package has multiple dates recorded in the documentation. Do not use the Time Period option if the "Submittal Type" is 'Other.'</i>		
Signature: <u><i>William McConnell</i></u>		Signature Date: <u>7/20/2012</u>
Title: <u>Plant Manager</u>		



**Texas Commission on Environmental Quality
Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 1)**

RECEIVED

JUL 24 2012

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250. Address written inquiries to the Texas Commission on Environmental Quality, Office of Permitting and Registration, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I. COMPANY IDENTIFYING INFORMATION													
A. Company Name:		Rhodia Inc.											
B. Customer Reference Number (CN):		CN600125330											
C. Submittal Date (mm/dd/yyyy):		07/24/2012											
II. SITE INFORMATION													
A. Site Name: Baytown Plant													
B. Regulated Entity Reference Number (RN):		RN100211317											
C. Primary Account Number for Site:		HG-0696-Q											
D. Indicate affected state(s) required to review permit application: (Place an "X" in the appropriate box[es].)													
AR		CO		KS		LA		NM		OK		N/A	X
E. Indicate all pollutants for which the site is a major source based on the site's potential to emit:													
Pollutant		VOC	NO _x	SO ₂	PM ₁₀	CO	Pb	HAPS	Other				
Major at the Site (YES/NO):		No	Yes	Yes	No	No	No	No	No				
F. Is the source a non-major source subject to the Federal Operating Permit Program?													
									<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
G. Is the site within a local program area jurisdiction?													
									<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
H. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63?													
									<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
I. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:								N/A					
III. PERMIT TYPE													
A. Type of Permit Requested: (Select only <u>one</u> response and place an "X" in the box.)													
Site Operating Permit (SOP)		X	Temporary Operating Permit (TOP)			General Operating Permit (GOP)							
IV. INITIAL APPLICATION INFORMATION (Complete for Initial Issuance Applications <u>only</u> .)													
A. Is this submittal an abbreviated or a full application?								<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full					
B. If this is a full application, is the submittal a follow-up to an abbreviated application?								<input type="checkbox"/> YES <input type="checkbox"/> NO					
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain/CAIR permit?								<input type="checkbox"/> YES <input type="checkbox"/> NO					
D. Has a copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)								<input type="checkbox"/> YES <input type="checkbox"/> NO					



Texas Commission on Environmental Quality
Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)

V. CONFIDENTIAL INFORMATION		
A. Is confidential information submitted in conjunction with this application?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. RESPONSIBLE OFFICIAL (RO)		
A. RO Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) James Harton		
B. RO Title: President		
C. Employer Name: Rhodia Inc.		
D. Mailing Address: 8 Cedarbrook Dr.		
City: Cranbury	State: NJ	ZIP Code: 08512-3612
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:	F. Telephone:	
G. Fax:	H. E-mail:	
VII. TECHNICAL CONTACT IDENTIFYING INFORMATION (Complete if different from RO.)		
A. Technical Contact Name: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) David Laurie		
B. Technical Contact Title: Environmental Engineer		
C. Employer Name: Rhodia Inc.		
D. Mailing Address: 8615 Manchester Street		
City: Houston	State: Texas	ZIP Code: 77012
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:	F. Delivery Address: Same as above	
City:	State:	ZIP Code:
Territory:	Country:	Foreign Postal Code:
G. Internal Mail Code:	H. Telephone: 713-924-1484	
I. Fax: 713-835-3261	J. E-mail: David.Laurie@us.rhodia.com	
VIII. REFERENCE ONLY REQUIREMENTS (For reference only.)		
A. State Senator: John Whitmire		
B. State Representative: Wayne Smith		
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required:		Spanish



**Texas Commission on Environmental Quality
Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)**

IX. OFF-SITE PERMIT REQUEST <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>		
A. Office/Facility Name:		
B. Physical Address:		
City:	State:	ZIP Code:
Territory:	Country:	Foreign Postal Code:
C. Physical Location:		
D. Contact Name: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
E. Telephone:		
X. APPLICATION AREA INFORMATION		
A. Area Name: Baytown Plant		
B. Physical Address: 3439 Park Street		
City: Baytown	State: TX	ZIP Code: 77520
C. Physical Location:		
D. Nearest City:		
E. State:	F. ZIP Code:	
G. Latitude (nearest second): 29°44'53.48"N	H. Longitude (nearest second): 95° 0'9.16"W	
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
J. Indicate the estimated number of emission units in the application area:	15	
K. Are there any emission units in the application area subject to the Acid Rain Program and/or CAIR?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
XI. PUBLIC NOTICE <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>		
A. Name of public place to view application and draft permit: Baytown Sterling Municipal Library		
B. Physical Address: Mary Elizabeth Willbanks Ave.		
City: Baytown	ZIP Code: 77520	
C. Contact Person (Someone who will answer questions from the public, during the public notice period):		
(<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) David Laurie		
D. Contact Mailing Address: 8615 Manchester Street		
City: Houston	State: Texas	ZIP Code: 77012
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:	F. Telephone: 713-924-1484	
XII. DELINQUENT FEES AND PENALTIES		
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."		



**Texas Commission on Environmental Quality
Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)**

Complete Sections XIII and XIV for Acid Rain Permit and CAIR Permit applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIII. DESIGNATED REPRESENTATIVE (DR) IDENTIFYING INFORMATION

A. DR Name: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
B. DR Title:		
C. Employer Name:		
D. Mailing Address:		
City:	State:	ZIP Code:
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:		F. Telephone:
G. Fax:		H. E-mail:

XIV. ALTERNATE DESIGNATED REPRESENTATIVE (ADR) IDENTIFYING INFORMATION

A. ADR Name: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)		
B. ADR Title:		
C. Employer Name:		
D. Mailing Address:		
City:	State:	ZIP Code:
Territory:	Country:	Foreign Postal Code:
E. Internal Mail Code:		F. Telephone:
G. Fax:		H. E-mail:



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2
Table 1

Date:	7/24/2012	Permit No.:	O-1610	Account No.:	HG-0696-Q	Regulated Entity No.:	RN100211317
Area Name:	Baytown Plant	Company Name:	Rhodia Inc.	Customer Reference No.:	CN600125330		

For Submissions to EPA (<i>SOP renewal, minor revision, and significant revision applications only</i>)	
Has a copy of this application been submitted (or is being submitted) to EPA? (<i>Refer to the form instructions for additional information.</i>)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I. APPLICATION TYPE								
Indicate the type of application:	<input checked="" type="checkbox"/> Renewal	<input type="checkbox"/> Streamlined Revision (<i>Must include provisional terms and conditions as explained in the instructions.</i>)						
	<input type="checkbox"/> Significant Revision	<input type="checkbox"/> Revision Requesting Prior Approval						
	<input type="checkbox"/> Administrative Revision	<input type="checkbox"/> Response to Reopening						
II. QUALIFICATION STATEMENT								
For SOP Revisions Only	The referenced changes qualify for the marked revision type.						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
For GOP Revisions Only	The permitted area continues to qualify for a GOP.						<input type="checkbox"/> YES <input type="checkbox"/> NO	
III. MAJOR SOURCE POLLUTANTS (<i>Complete this section if the permit revision is due to a change at the site.</i>)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:								
Pollutant	VOC	NO _x	SO ₂	PM ₁₀	CO	Pb	HAPs	Other
Major at the Site (<i>YES/NO</i>):	No	Yes	Yes	No	No	No	No	No
IV. FEE INFORMATION								
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?						<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA		
V. DELINQUENT FEES AND PENALTIES								
Notice: This form will not be processed until all delinquent fees and/or penalties owed the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.								



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2
Table 2

Date: 7/24/2012	Permit No.: O-1610	Account No.: HG-0696-Q	Regulated Entity No.: RN100211317
Area Name: Baytown Plant	Company Name: Rhodia Inc.		Customer Reference No.: CN600125330

I. DESCRIPTION OF REVISION						
Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	SIG-A	NO	GRPACIDTNK	OP-UA3	56534	Rule applicability change and remove periodic monitoring.
2	SIG-A	NO	T-16	OP-REQ2	56534	Rule applicability change.
3	SIG-E	YES	T-GAS	OP-UA3	106.412	Adding a new 850 gal gasoline tank.
4	SIG-E	YES	GRPDIESELT	OP-UA3	106.412	Adding two 500 gal diesel tanks and one 475 gal diesel tank.
5	MS-C	NO	PREHTRSTK	OP-ACPS	56534	Documentation of compliance plan and schedule.



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Table 3

Date:	7/24/2012	Permit No.:	O-1610	Account No.:	HG-0696-Q	Regulated Entity No.:	RN100211317
Area Name:	Baytown Plant	Company Name:	Rhodia Inc.			Customer Reference No.:	CN600125330

I. SIGNIFICANT REVISION <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will there be a change in air pollutant emissions as a result of the significant revision?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:	
Pollutant	Description of the Change in Pollutant Emissions
Benzene, Toluene, Ethylbenzene, and m,p-Xylene	Overall decrease in VOC emissions from spent acid tanks. However, new pollutants discovered due to the testing of vapor space from spent acid tanks. A significant revision application for Rhodia Baytown facility operating permit (O-1610) to reflect the correct regulatory requirement for several tanks was submitted to TCEQ in January 2012. For ease of review, updates made in January 2012 significant revision were also included with this renewal application.
Ethylene, Propane, Iso-Butane, n-Butane, and Other organics (assumed to be iso-pentane)	Emission increases from PBR 91097. A permit amendment application to incorporate the PBR No. 91097 into NSR Permit No. 9565 was submitted to TCEQ on December 21, 2011.
Gasoline, Diesel	Emission increases from PBR 106.412 to authorize 850 gal gasoline tank, two 500 gal diesel tanks and one 475 gal diesel tank.

OP-SUMR



Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date: 07/24/2012	Regulated Entity No.: RN100211317	Permit No.: O-1610
Company Name: Rhodia Inc.	Area Name: Baytown Plant	

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.	Plant AI	Plant ID No.
1	T-5	OP-UA3		GRPACIDTNK		
1	T-6	OP-UA3		GRPACIDTNK		
1	T-7	OP-UA3		GRPACIDTNK		
1	T-8	OP-UA3		GRPACIDTNK		
4	T-Diesel1	OP-UA3	A	GRPDIESELT		
4	T-Diesel2	OP-UA3	A	GRPDIESELT		
4	T-Diesel3	OP-UA3	A	GRPDIESELT		

OP-UA3



Storage Tank/ Vessel Attributes
Form OP-UA3 (Page 3)
Federal Operating Permits Program

Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels)

Date: 7/24/2012	Permit No.: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN600125330

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	Maximum TVP	Storage Vessel Description	AMEL ID No.	Reid Vapor Pressure	Control Device ID No.
GRPACIDTNK	60Kb-0001	VOL	40K+	0.5-				
T-GAS	60Kb-0002	PTLQ-3	10K-					
GRPDIESELT	60Kb-0003	PTLQ-3	10K-					

TCEQ - 10008 (Revised 02/12) OP-UA3 Storage Tank/Vessel Attributes
This form is for use by sources subject to air quality permit requirements and may be revised periodically. (APDG 5737v6)



**Storage Tank/ Vessel Attributes
Form OP-UA3 (Page 4)
Federal Operating Permit Program**

**Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

Date: 07/24/2012	Permit No.: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN600125330

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
GRPACIDTNK	R5112-0001	NO		VOC1	A40K+			
T-GAS	R5112-0002	NO		GASMV	A25K-			
GRPDIESELT	R5112-0003	NO		VOC1	A1K-			



**Storage Tank/ Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program**

**Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)**

Date: 07/24/2012	Permit No.: O-1610	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Customer Reference No.: CN600125330

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
GRPACIDTNK	R5112-0001		NONE1	1-				

OP-REQ1



Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 1)
Federal Operating Permit Program

Date: 07/24/2012	RN No.: RN100211317	Permit No.: O-1610
Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

I. TITLE 30 TAC CHAPTER 111 - CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes stationary vents constructed after January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	3. All stationary vents are addressed on a unit specific basis. <i>If the response to Question I.A.3. is "YES", go to Question I.A.5.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	4. Stationary vents constructed after January 31, 1972 are subject to compliance assurance monitoring requirements.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
1. Items a - d determines applicability of any of these requirements based on geographical location.		
◆	a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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Date: 07/24/2012	RN No.: RN100211317	Permit No.: O1610
Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

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I. TITLE 30 TAC CHAPTER 111 - CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots (continued)	
◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO", go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆ 1. The application area includes nonagricultural processes subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO", go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

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I. TITLE 30 TAC CHAPTER 111 - CONTROL OF AIR POLLUTION FROM VISIBLE EMISSIONS AND PARTICULATE MATTER (continued)	
E. Outdoor Burning (continued)	
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input type="checkbox"/> NO
II. TITLE 30 TAC CHAPTER 112 - CONTROL OF AIR POLLUTION FROM SULFUR COMPOUNDS	
A. Temporary Fuel Shortage Plan Requirements	
1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs)	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO", go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds	
◆ 1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A", go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES", go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES", go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs	
◆ 1. The application area includes VOC loading operations.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2, are "NO", go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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Date: 07/24/2012	RN No.: RN100211317	Permit No.: O1610
Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. <i>If the response to Question III.D.3 is "YES", go to Section III.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. For application areas in the Houston/Galveston/Brazoria area, marine terminal transfer operations are conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO", go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES", go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO", go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 125,000 gallons of gasoline in a calendar month after January 1, 1999. <i>If the response to Question III.E.7 is "YES", go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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Date: 07/24/2012	RN No.: RN100211317	Permit No.: O1610
Area Name: Baytown Plant		

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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8. is "YES", go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A



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Date: 07/24/2012	RN No.: RN100211317	Permit No.: O1610
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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)		
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A", go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Transfer operations used exclusively for the fueling of aircraft, watercraft, or agricultural implements are the only transfer operations conducted at facilities in the application area. <i>If the response to Question III.G.2 is "YES", go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction on or after November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes facilities that began construction prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Control Of Reid Vapor Pressure (RVP) of Gasoline		
◆	1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A", go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
	1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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Date: 07/24/2012	RN No.: RN100211317	Permit No.: O1610
Area Name: Baytown Plant		

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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
J. Surface Coating Processes (Complete this section for GOP applications only.)	
◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(a)(3)(A) or 115.427(b)(1) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
K. Offset Lithographic Printing	
1. The application area includes offset lithographic printing presses. If the answer to Question III.K.1. is "NO", go to Section III.L.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is in Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, or Tarrant Counties. <i>If the response to Question III.K.2. is "NO", go to Question III.K.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All offset lithographic printing presses on the property, when uncontrolled, emit a combined weight of VOC less than 50 tons per calendar year.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is in Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, or Waller Counties. <i>If the responses to Questions III.K.2. and 4. are both "NO", go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All offset lithographic printing presses on the property, when uncontrolled, emit a combined weight of VOC less than 25 tons per calendar year.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Cutback Asphalt	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.L.1 is "N/A", go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
L. Cutback Asphalt (continued)	
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.L.4 is "NO", go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Degassing or Cleaning of Stationary, Marine, and Transport Vessels	
◆ 1. The application area includes degassing or cleaning operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.M.1 is "NO" or "N/A", go to Section III.N.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Degassing or cleaning of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.M.2 is "YES", go to Section III.N.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. Degassing or cleaning of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 4. Degassing or cleaning of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 5. Degassing or cleaning of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
M. Degassing or Cleaning of Stationary, Marine, and Transport Vessels (continued)	
◆ 6. Degassing or cleaning of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 7. Degassing or cleaning of VOC marine vessels that do not meet one or more of the exemptions specified in 30 TAC § 115.547(1), (2), or (5), but have sustained damage as specified in 30 TAC § 115.547(4) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
N. Petroleum Dry Cleaning Systems	
1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
O. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the response to Question III.O.1. and III.O.2. are both "NO" or "N/A", go to Section III.P. If the response to Question III.O.1 is "YES", continue with Question III.O.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the response to Questions III.O.3. and III.O.4. are both "NO", go to Section III.P.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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III. TITLE 30 TAC CHAPTER 115 - CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS (VOCs) (continued)	
O. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC) (continued)	
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
P. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
IV. TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, Dallas/Fort Worth, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES", complete Sections IV.B - IV.F and IV.H. For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES", go to Section IV.F. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES", complete Sections IV.C. and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO", go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES", go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included. If the response to Question IV.A.3 is "YES", go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO", go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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IV. TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS (continued)	
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1. is "NO", go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas	
◆ 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1. is "NO", go to Question IV.D.1.</i> <i>For GOP applications for GOP 517, if the response to Question IV.C.1. is "NO", go to Section IV.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Adipic Acid Manufacturing	
1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas	
1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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IV. TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS (continued)	
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines	
◆ 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas. <i>For SOP applications, if the response to Question IV.F.1 is "NO", go to Question IV.H.1.</i> <i>For GOP applications, if the response to Question IV.F.1 is "NO", go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located in the Dallas/Fort Worth Eight-Hour area and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Utility Electric Generation in East and Central Texas	
1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO", go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters	
1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1. is "NO" go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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IV. TITLE 30 TAC CHAPTER 117 - CONTROL OF AIR POLLUTION FROM NITROGEN COMPOUNDS (continued)	
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters (continued)	
2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. TITLE 40 CODE OF FEDERAL REGULATIONS PART 59 (40 CFR PART 59) - NATIONAL VOLATILE ORGANIC COMPOUND EMISSION STANDARDS FOR CONSUMER AND COMMERCIAL PRODUCTS	
A. Subpart B – National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO", go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C – National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO", go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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V. TITLE 40 CODE OF FEDERAL REGULATIONS PART 59 (40 CFR PART 59) - NATIONAL VOLATILE ORGANIC COMPOUND EMISSION STANDARDS FOR CONSUMER AND COMMERCIAL PRODUCTS (continued)	
B. Subpart C – National Volatile Organic Compound Emission Standards for Consumer Products (continued)	
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart D – National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1 and V.C.2 are both "NO", go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.400(c)(1) - (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart F – Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.D.1 is "NO", go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO", go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO", go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO", go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3. is "YES", go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4. is "NO", go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A", go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 Is "NO", go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO", go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO", go to Section VI.F.</i> <i>For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A", go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities that were constructed or modified after January 20, 1984.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO", go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants (continued)	
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO", go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes stormwater sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO", go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A", go to Section VI.I. If the response to Question VI.H.1. is "NO", go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)	
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>Note: If the response to Question VI.H.4. is "NO", go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5. is "NO", go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1. is "N/A", go to Section VI.J. If the response to Question VI.I.1. is "NO", go to Question VI.I.4. <input type="checkbox"/></i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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VI.	TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
	I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)	
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4. is "NO", go to Section VI.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5. is "NO", go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006	
◆ 1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1. is "N/A", go to Section VII. If the response to Question VI.J.1. is "NO", go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4. is "NO", go to Section VII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5. is "NO", go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VI. TITLE 40 CODE OF FEDERAL REGULATIONS PART 60 (40 CFR PART 60) - NEW SOURCE PERFORMANCE STANDARDS (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP)	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A", go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆ 1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO", go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, .144, .146, 147, .148, or .155. <i>If the response to Question VII.E.1 is "NO", go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO", go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into nonfriable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
Asbestos Spray Application	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO", go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES", go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is processed into nonfriable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)		
E. Subpart M - National Emission Standard for Asbestos (continued)		
Fabricating Commercial Asbestos		
5.	The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO", go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	c. Asbestos-containing waste material is processed into nonfriable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Non-sprayed Asbestos Insulation		
6.	The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Asbestos Conversion		
7.	The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO", go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO", go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES", go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagrams per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES", go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES", go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13. is "NO", go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Waste Stream Exemptions (continued)	
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO", go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES", go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO", go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES", go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO", go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 61 (40 CFR PART 61) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (continued)

H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)

Individual Drain Systems (continued)

22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO", go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO

Remediation Activities

25. Remediation activities take place at the application area subject to NESHAP FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES

A. Applicability

◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry

1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES) <i>(continued)</i>	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry <i>(continued)</i>	
3. The application area is located at a site that includes chemical manufacturing process units that use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Question VIII.B.1, .B.2, or .B.3 is "NO", go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes chemical manufacturing process units that use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	
Applicability	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO", go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO", go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain by-pass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO", go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES) <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>	
Vapor Collection and Closed Vent Systems	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to by-pass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. By-pass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Transfer Racks	
8. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Process Wastewater Streams	
9. The application area includes process wastewater streams. <i>If the response to Question VIII.C.9 is "NO", go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.10 is "NO", go to Question VIII.C.12.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.12 is "NO", go to Question VIII.C.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>	
Process Wastewater Streams	
14. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.14 is "NO", go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>	
Process Wastewater Streams	
21. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.21. is "YES", go to Question VIII.C.31.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.22. is "NO", go to Question VIII.C.24.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO", go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES
(continued)

C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater *(continued)*

Process Wastewater Streams *(continued)*

<p>26. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. <i>If the response to Question VIII.C.24 - VIII.C.25 is both "NO", go to Question VIII.C.27.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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<p>27. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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Drains

<p>28. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.28 is "NO", go to Question VIII.C.31.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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<p>29. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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<p>30. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
--	--

<p>31. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.31 is "NO", go to Question VIII.C.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>	
Drains <i>(continued)</i>	
32. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.32 is "NO", go to Question VIII.C.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater <i>(continued)</i>	
Gas Streams	
36. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO", go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO", go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO", go to Section VIII.G.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO", go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES", go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES", go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.5 is "NO", go to Question VIII.G.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.6 is "YES", go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
7. Emissions screening factor greater than or equal to 0.5, but less than 1.0 ($0.5 \leq ET \text{ or } EP < 1.0$). <i>If the response to Question VIII.G.7 is "YES", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
8. Emissions screening factor greater than or equal to 1.0 ($ET \text{ or } EP \geq 1.0$). <i>If the response to Question VIII.G.8 is "YES", go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
9. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.9 is "NO", go to Section VIII.H</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO", go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO", go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO", go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry <i>(continued)</i>	
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO", go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO", go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO", go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.J.5. is "YES", go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.J.6. is "NO", go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins <i>(continued)</i>	
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.J.8 - VIII.J.9 are both "NO", go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12. is "NO", go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins <i>(continued)</i>	
Drains <i>(continued)</i>	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO", go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO", go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES
(continued)

K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production

- | | |
|--|--|
| 1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area.
<i>If the response to Question VIII.K.1 is "NO" or "N/A", go to Section VIII.L.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. The application area includes a BLR and/or WSR research and development facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting

- | | |
|---|--|
| 1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter.
<i>If the response to Question VIII.L.1 is "NO" or "N/A", go to Section VIII.M.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations

- | | |
|---|---|
| 1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|---|---|

N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries

Applicability

- | | |
|--|---|
| 1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7).
<i>If the response to Question VIII.N.1 is "NO", go to Section VIII.O.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|--|---|



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES", go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO", go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO", go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO", go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries <i>(continued)</i>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO", go to Section VIII.O</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area is located at a plant site receiving material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A", go to Section VIII.P.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is "YES", go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO", go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the offsite material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO", go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A", go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart HH - National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities. <i>For GOP applications, go to Section VIII.Y</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO", go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A", go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES
(continued)

U. Subpart PP - National Emission Standards for Containers

1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO", go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

V. Subpart RR - National Emission Standards for Individual Drain Systems

1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards

1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process..	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the response to Questions VIII.W.1. and VIII.W.2. are both "NO," go to Question VIII.W.20</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES
(continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards

3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.W.6. is "NO", go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.W.8. and W.9. are both "NO", go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12. is "NO", go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15. is "NO", go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16. is "NO", go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES
(continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards

18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acetyl resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the response to Questions VIII.W.20. and VIII.W.21. are both "NO" or "N/A," go to Question VIII.W.53.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22. is "NO," go to Question VIII.W.53.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23. is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24. is "YES," go to Question VIII.W.54</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1,3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27. is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28. is "NO," go to Question VIII.W.33</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30. is "NO", go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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(continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards

<p>32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If a response to Question VIII.W.32. is required, go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33. is "NO", go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES", go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36. is "NO", go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES", go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO", go to Question VIII.W.40.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40. is "NO", go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO", go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44. is "NO", go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES", go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47. is "NO", go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES", go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO", go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51. is "NO", go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO", go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1. is "NO", go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO", go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3. is "YES", go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4. is "YES", go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.X.8. is "YES", go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.X.9. is "NO", go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.X.11. - VIII.X.12. are both "NO", go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
Drains <i>(continued)</i>	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15. is "NO", go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18. is "NO", go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19. is "NO", go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins <i>(continued)</i>	
Drains <i>(continued)</i>	
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
<p>3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO", go to Section VIII.BB.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<p>4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO", go to Section VIII.BB.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO", go to Question VIII.AA.17.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.AA.7. is "YES", go to Section VIII.BB.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flowrate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8. is "NO", go to Question VIII.AA.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>9. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
10. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the response to Question VIII.AA.10. and VIII.AA.11. are both "NO", go to Question VIII.AA.13.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.14. is "NO", go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.17. is "NO", go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.18 is "NO", go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flowrate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flowrate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question .CC.1. is "NO", go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question .CC.2. is "YES", go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.5 is "NO", go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Categories: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question DD.1. is "NO", go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES <i>(continued)</i>	
DD. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Categories: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.DD.4. is "NO", go to Question VIII.DD.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.DD.6. is "NO", go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has a throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.DD.7. is "YES", go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.DD.9. is "NO", go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, or tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

VIII. TITLE 40 CODE OF FEDERAL REGULATIONS PART 63 (40 CFR PART 63) - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES
(continued)

EE. Recently Promulgated 40 CFR Part 63 Subparts

◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.EE.1. is "NO", go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

IX. TITLE 40 CODE OF FEDERAL REGULATIONS PART 68 (40 CFR PART 68) - CHEMICAL ACCIDENT PREVENTION PROVISIONS

A. Applicability

◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
---	---

X. TITLE 40 CODE OF FEDERAL REGULATIONS PART 82 (40 CFR PART 82) - PROTECTION OF STRATOSPHERIC OZONE

A. Subpart A - Production and Consumption Controls

◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
--	--

B. Subpart B - Servicing of Motor Vehicle Air Conditioners

◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
---	---

C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances

◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

X. TITLE 40 CODE OF FEDERAL REGULATIONS PART 82 (40 CFR PART 82) - PROTECTION OF STRATOSPHERIC OZONE (continued)	
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Subpart F - Recycling and Emissions Reduction	
◆ 1. Servicing, maintenance, and/or repair on refrigeration and nonmotor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆ 1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO", go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A



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Area Name: Baytown Plant

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

X. TITLE 40 CODE OF FEDERAL REGULATIONS PART 82 (40 CFR PART 82) - PROTECTION OF STRATOSPHERIC OZONE	
H. Subpart H -Halon Emissions Reduction	
◆ 1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. MISCELLANEOUS	
A. Requirements Reference Tables (RRT) and Flowcharts	
1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A", go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. MISCELLANEOUS (continued)	
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Clean Air Interstate Rule (CAIR NO_x and CAIR SO₂ Permit)	
1. The application area includes emission units subject to the requirements of the Clean Air Interstate Rule. <i>If the response to Question XI.F.1. is "NO", go to Section XI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the retired unit exemptions under 40 CFR §§ 96.105 and 96.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. MISCELLANEOUS (continued)	
G. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
H. GOP Type (Complete this section for GOP applications only)	
◆ 1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Montgomery, Orange, Tarrant, and Waller Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Liberty, Matagorda, Montgomery, San Patricio, Tarrant, Travis, Victoria, and Waller County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under 517 Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO



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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. MISCELLANEOUS (continued)		
I. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.I.1. is "NO", go to question XI.I.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting or has previously submitted at least one periodic monitoring proposal described on Form OP-MON.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XI. MISCELLANEOUS (continued)	
K. Compliance Assurance Monitoring	
◆ 1. The application area includes at least one unit with a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.K.1. is "NO", go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The unit or units defined by XI.K.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.K.2. is "NO", go to Section XII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆ 7. At least one unit defined by XI.K.1. and XI.K.2. is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 8. All units defined by XI.K.1. and XI.K.2. are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.K.8. is "YES", go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 9. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses particulate matter or opacity.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 10. The CAM proposal as described by question XI.K.3.or XI.K.4. addresses VOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 11. The control device in the CAM proposal as described by question XI.K.3.or XI.K.4. has a bypass.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS	
A. Waste Permits with Air Addendum	
◆ 1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the answer to XII.A.1. is "YES", include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Air Quality Standard Permits	
◆ 1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO", go to Section XII.C. If the response to XII.B.1 is "YES", be sure to include the standard permit's registration numbers in Section XII.H, and answer XII.B.2 - B.13 as appropriate.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one "Pollution Control Project" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area includes at least one "Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 9. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (continued)	
B. Air Quality Standard Permits	
◆ 10. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.10 is "NO", go to Question XII.B.13.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 11. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 12. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 13. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. Flexible Permits	
◆ 1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits	
1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO



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Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary)							
◆ E. PSD Permits and PSD Major Pollutants							
PSD Permit No.: PSDTX695	Pollutant(s)	SO ₂					
PSD Permit No.:	Pollutant(s)						
PSD Permit No.:	Pollutant(s)						
PSD Permit No.:	Pollutant(s)						
◆ F. Nonattainment (NA) Permits and NA Major Pollutants							
NA Permit No.:	Pollutant(s)						
NA Permit No.:	Pollutant(s)						
NA Permit No.:	Pollutant(s)						
NA Permit No.:	Pollutant(s)						
◆ G. NSR Authorizations with FCAA § 112(g) Requirements							
NSR Permit No.:	NSR Permit No.:						
NSR Permit No.:	NSR Permit No.:						
NSR Permit No.:	NSR Permit No.:						
◆ H Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area.							
Authorization No.: 9565	Authorization No.:						
Authorization No.: 56534	Authorization No.:						
Authorization No.: 86388	Authorization No.:						
Authorization No.:	Authorization No.:						
Authorization No.:	Authorization No.:						
Authorization No.:	Authorization No.:						
Authorization No.:	Authorization No.:						



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Date: 07/24/2012	RN No.: RN100211317	Permit No.: O1610
Area Name: Baytown Plant		

For SOP applications, answer ALL questions unless otherwise directed.
For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NEW SOURCE REVIEW (NSR) AUTHORIZATIONS (Attach additional sheets if necessary)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.183	Version No./Date: 09/04/2007
PBR No.: 106.371	Version No./Date: 03/14/1997
PBR No.: 106.472	Version No./Date: 03/14/1997
PBR No.: 106.478	Version No./Date: 03/14/1997
PBR No.: SE007	Version No./Date: 08/11/1989
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 09/04/2000
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.:106.412	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:

OP-REQ2



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date 07/24/2012	Regulated Entity No.: RN100211317	Permit No: O-1610
Company Name: Rhodia Inc.	Area Name Baytown Plant	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
	1	GRPACIDTNK	OP-UA3	NSPS Kb	§60.110b(b)	Tank capacity is greater than or equal to 151 cubic meters and vapor pressure of material stored is less than 3.5 kPa (0.5 psia).
	2	T-16	OP-REQ2	NSPS Kb	§60.110b(a)	Tank does not store VOC.
	2	T-16	OP-REQ2	Chapter 115, Storage of VOCs	§115.110(a)	Tank does not store VOC.
A	3	T-GAS	OP-UA3	Chapter 115, Storage of VOCs	§115.111(a)(3)	Storage capacity less than 25,000 gallons located at a motor vehicle fuel dispensing facility.
A	4	GRPDIESELT	OP-UA3	Chapter 115, Storage of VOCs	§115.111(a)(8)	tank with storage capacity less than 1,000 gallons.
A	3	T-GAS	OP-UA3	NSPS Kb	§60.110b(a)	Tank capacity is less than 75 cubic meters.
A	4	GRPDIESELT	OP-UA3	NSPS Kb	§60.110b(a)	Tank capacity is less than 75 cubic meters.

OP-MON



**Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program**

Table 2a: CAM/PM Deletions

I. IDENTIFYING INFORMATION			
A. Account No.:	HG0696Q	B. RN No.:	RN100211317
C. CN No.:	CN600125330		
D. Permit No.:	O1610	E. Project No.:	TBA
F. Area Name:	Baytown Plant		
G. Company Name:	Rhodia Inc.		
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION			
A. Revision No.:	1	B. Unit/EPN/Group/Process ID No.:	GRPACIDTNK
C. Applicable Form:	OP-UA3		
III. APPLICABLE REGULATORY REQUIREMENT			
A. Name:	30 TAC Chapter 115	B. SOP/GOP Index No.:	R5112-0001
C. Pollutant:	VOC	D. Main Standard:	§115.112(a)(1)
IV. TITLE V MONITORING INFORMATION			
A. Monitoring Type:	PM	B. CAM/PM Option No.:	PM-V-007
V. CONTROL DEVICE INFORMATION			
A. Device ID No.:	1	B. Device Type:	DIRFLM
VI. TYPE OF DELETION			
A. Monitoring Requirement:	X	B. Control Device:	

Table 2b: CAM/PM Control Device Deletions

EMISSION UNIT		CONTROL DEVICE		
1	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
2	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
3	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
4	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
5	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
6	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	



**Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program**

Table 2a: CAM/PM Deletions

I. IDENTIFYING INFORMATION			
A. Account No.:	HG0696Q	B. RN No.:	RN100211317
C. CN No.:	CN600125330		
D. Permit No.:	O1610	E. Project No.:	TBA
F. Area Name:	Baytown Plant		
G. Company Name:	Rhodia Inc.		
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION			
A. Revision No.:	2	B. Unit/EPN/Group/Process ID No.:	T-16
C. Applicable Form:	OP-UA3		
III. APPLICABLE REGULATORY REQUIREMENT			
A. Name:	30 TAC Chapter 115	B. SOP/GOP Index No.:	R5112-0004
C. Pollutant:	VOC	D. Main Standard:	§115.112(a)(1)
IV. TITLE V MONITORING INFORMATION			
A. Monitoring Type:	PM	C. CAM/PM Option No.:	PM-V-008
V. CONTROL DEVICE INFORMATION			
A. Device ID No.:	DOCKVC	B. Device Type:	COMB
VI. TYPE OF DELETION			
A. Monitoring Requirement:	X	B. Control Device:	

Table 2b: CAM/PM Control Device Deletions

EMISSION UNIT		CONTROL DEVICE			
1	A. Unit ID No.:	B. Device ID No.:	C. Device Type:		
2	A. Unit ID No.:	B. Device ID No.:	C. Device Type:		
3	A. Unit ID No.:	B. Device ID No.:	C. Device Type:		
4	A. Unit ID No.:	B. Device ID No.:	C. Device Type:		
5	A. Unit ID No.:	B. Device ID No.:	C. Device Type:		
6	A. Unit ID No.:	B. Device ID No.:	C. Device Type:		

OP-ACPS



**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 07/24/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(e)(9).

Part 1

A. Compliance Plan — Future Activity Commitment Statement
The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.

B. Compliance Certification — Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. (For reference only)	1
* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122. Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.	



**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 07/24/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Part 2

A. Compliance Schedule				
If there are non-compliance situations ongoing at time of application, then complete a <u>separate</u> OP-ACPS Part 2 for <u>each</u> separate non-compliance situation. <i>(See form instructions for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.				
1. Specific Non-Compliance Situation				
Unit/Group/Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PREHTRSTK		NOx	§117.310(a)(8)(A)(ii)	NOx limit 0.036 lb/MMBtu (or 30 ppmv NOx, at 3.0% O2 dry basis).
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
§117.9020(2)(C)(i)	Perform stack test		Rhodia Baytown Plant	
3. Non-compliance Situation Description				
The stack test for preheater was performed in time. However, stack test results indicated that Rhodia did not meet the Chapter 117 requirement.				



**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 07/24/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Part 2 (continued)

4. Corrective Action Plan Description		
Rhodia will again perform the required stack test stated in 30 TAC Chapter 117, §117.9020(2)(C)(i).		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
1	Rhodia proposes to replace the burner in order to meet the regulatory requirement and comply with the stack test standards. Rhodia will perform the stack test for preheater by the end of second quarter of 2013.	
2		
3		
4		
5		
6. Previously Submitted Compliance Plan(s)	Type of Action	Date Submitted
	N/A	
7. Progress Report Submission Schedule	Every six months until the non-compliance issue is resolved.	

3. PROCESS DESCRIPTION

3.1 REGENERATION UNIT (PRO-REGEN)

The unit is designed to produce fresh sulfuric acid from a blend of refinery or chemical plant spent sulfuric acids or "sludges". Hydrogen sulfide gas and natural gas are burned to maintain proper operating parameters and sulfur dioxide (SO₂) strengths. The sludge and sulfur are sprayed into a combustion furnace where the hydrocarbons and sulfur are burned and the spent sulfuric acid is decomposed. The combustion gases exit the furnace and pass through a boiler for heat recovery and then passed through gas cleaning, cooling, and mist removal equipment. This equipment consists of a scrubbing tower, a direct contact gas cooler, two electrostatic precipitators, and a drying tower.

The gases are next sent through a catalytic converter. In the converter the gas passes over multiple beds of catalyst, where the SO₂ gas is converted to sulfur trioxide (SO₃) gas. From the converter the gas passes through an economizer where more heat is recovered and finally sent to an absorbing tower.

In the absorbing tower, the SO₃ reacts with water to form sulfuric acid. Sulfur trioxide is absorbed from the gas by concentrated sulfuric acid that circulates in the tower. This increases the strength of the acid. Water is added to the acid in a pump tank to return the acid to the desired strength.

The gas that exits from the absorbing tower is passed through a mist removal element where any entrained acid (or acid mist) from the absorbing tower is removed. The final gas stream enters an ammonia scrubber that reduces the concentration of unconverted sulfur dioxide gas. The tail gas is then exhausted to the stack.

3.2 BARGE LOADING/UNLOADING

Barges carry spent acid and transport the acid into spent acid tanks T-5, T-6, T-7 and T-8. Emissions from barges are controlled by a dockside caustic scrubber followed by a vapor combustor. Emissions from spent acid tanks (T-5, T-6, T-7, and T-8) are usually controlled by the furnace. In case the furnace is out of service, the emissions are routed to a caustic scrubber.

3.3 RAILCAR LOADING/UNLOADING

Railcars carry spent acid and transport the acid into spent acid tanks T-5, T-6, T-7 and T-8. Emissions from spent acid tanks are usually controlled by the furnace. Railcars are also loaded with product acid from product storage.

3.4 MSS ACTIVITIES

Catalyst beds in converters are cleaned periodically. The emissions from the catalyst screening are controlled by a bag filter. When maintenances are performed for spent acid tanks T-5, T-6, T-7 and T-8, the purged gas is combusted in a combustion furnace or a portable flare.

3.5 UTILITIES

A number of miscellaneous emission sources are in place to maintain the facility's normal operations. Rhodia operates a cooling tower at the Baytown Plant. During periods of plant startup and shutdown, plant steam is generated by a package boiler. A small gas tank and 3 diesel tanks are maintained to supply fuel to on-site motor vehicles. The plant also maintains a used oil tank.

4. MAPS

PLOT PLAN

AREA MAP

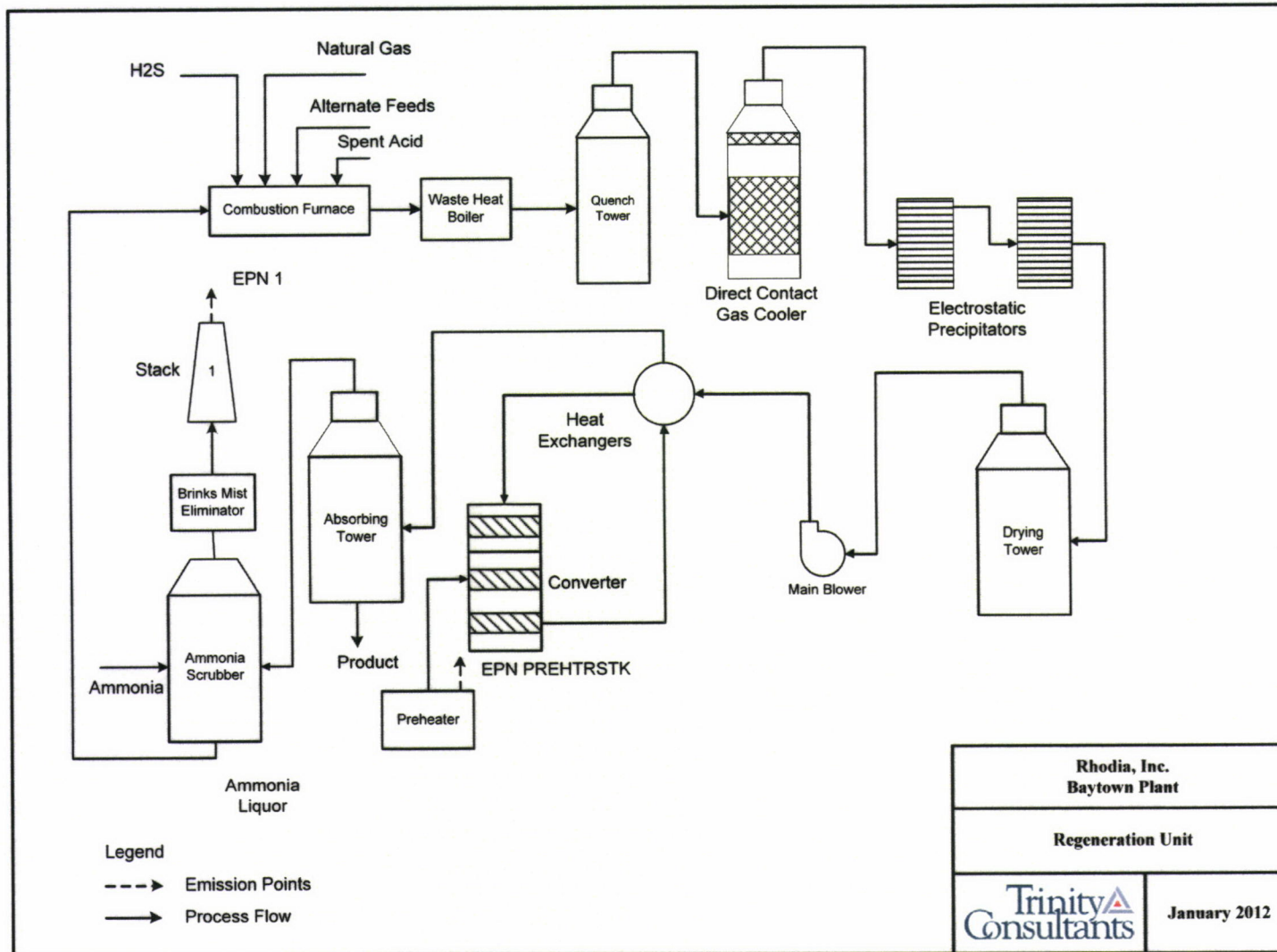
PROCESS FLOW DIAGRAMS

Aerial Map for Rhodia Inc., Baytown Plant

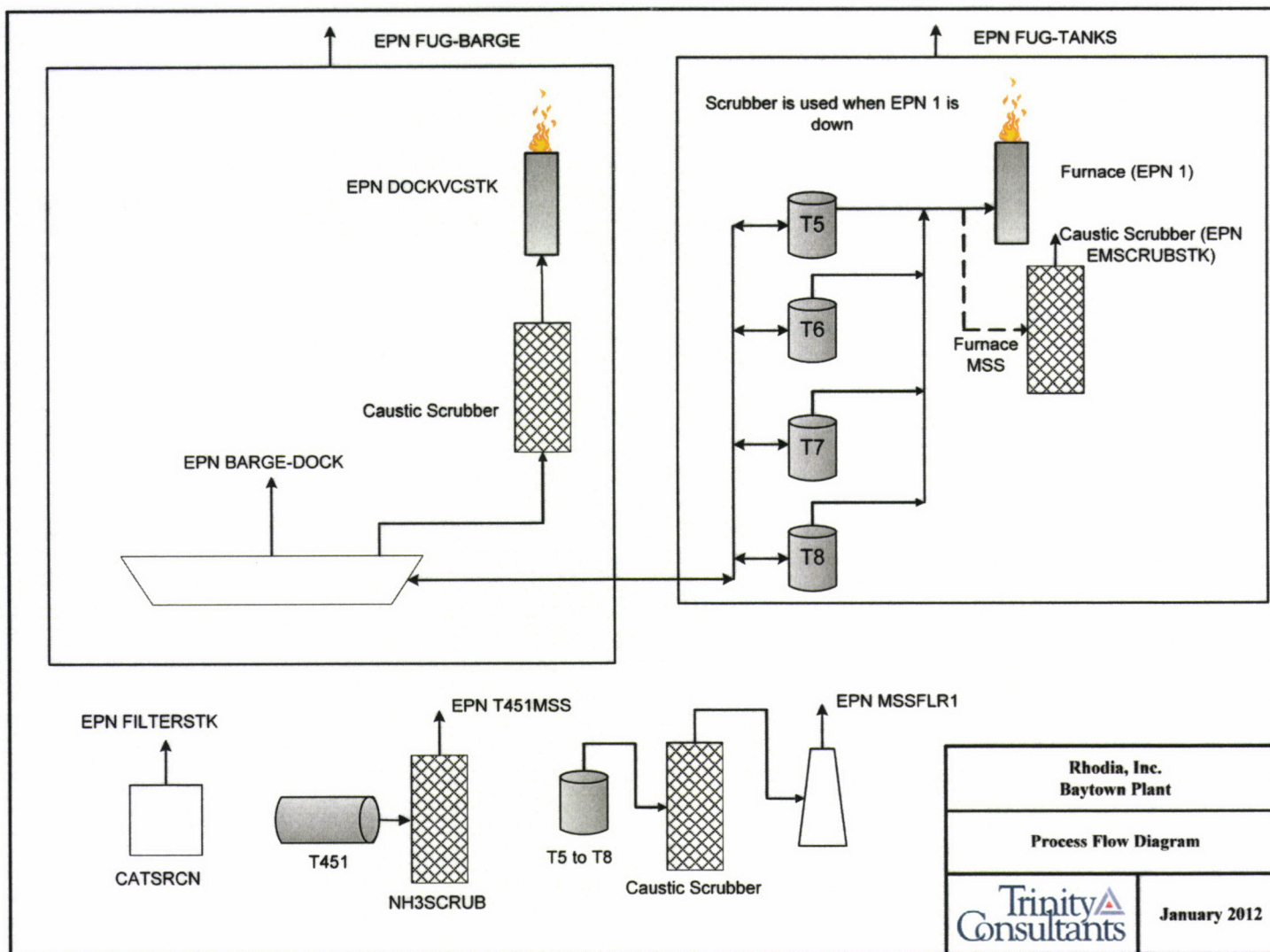


Referenced Universal Transverse Mercator (UTM) coordinates are in North American Datum 83 (NAD 83) datum.

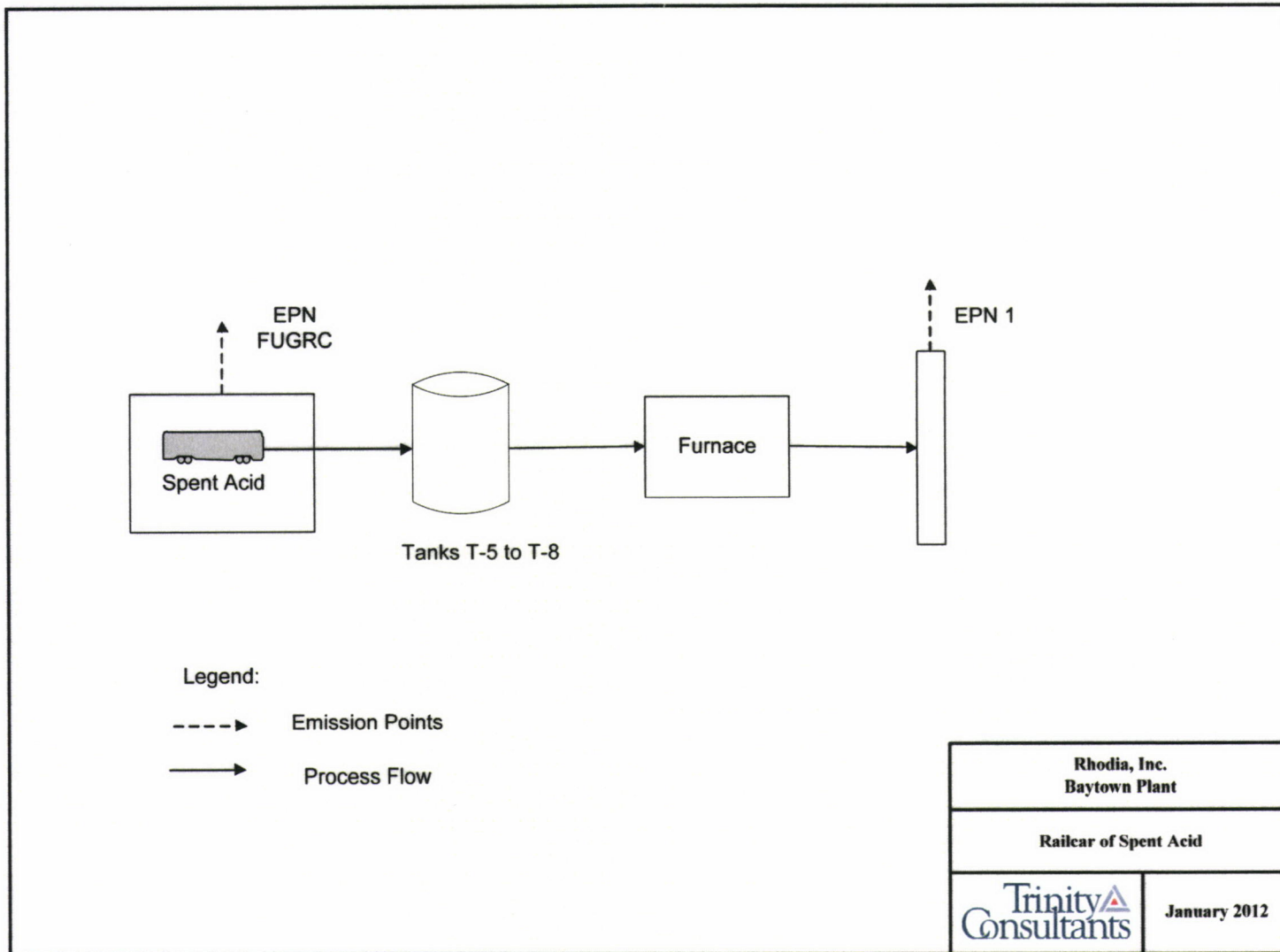
PROCESS FLOW DIAGRAM 1 REGENERATION UNIT



PROCESS FLOW DIAGRAM 2 BARGE LOADING/UNLOADING



PROCESS FLOW DIAGRAM 3 RAILCAR LOADING





Member of the Solvay Group
Baytown Plant

CERTIFIED MAIL: Return Receipt Requested (7011 2000 0001 4575 4522)

January 17, 2012

Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC 161
P.O. Box 13087
Austin, Texas 78711-3087

**AIR PERMITS DIVISION
JAN 20 2012
RECEIVED**

Re Title V State Operating Permit Revision
Permit O1610
Rhodia Inc., Baytown Plant
Baytown, Harris County
CN600125330, RN100211317, Account HG0696Q

**APIRT
JAN 20 2012**

To whom it may concern:

Rhodia Inc. (Rhodia) owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The Baytown Plant is authorized by the Federal Operating Permit O1610. With this application, Rhodia proposes to revise the Permit O1610 to reflect the correct regulatory requirement for several tanks. Required forms, process description, plot plan and flow charts can be found in this application.

If you have any questions, please contact me at 713-924-1408.

Sincerely,

W. F. Dickerson
Environmental Manager

Attachment

CC Mr. Manuel Bautista, TCEQ Region 12 – Houston
Mr. Bob Allen, Harris County Pollution Control Department
EPA Region 6, Air Permit Division (6PD-R) –Electronic files submittal on CD

Rhodia Inc.
Baytown Plant
3439 Park Street
P.O. Box 3331
Baytown, TX 77522-3331

*lg. H. doc #A33032
17428
JH
dfc 1/23/12*

**OPERATING PERMIT O1610 REVISION APPLICATION
RHODIA INC. ■ BAYTOWN PLANT**

Prepared by:

TRINITY CONSULTANTS

1001 West Loop South
Suite 640
Houston, Texas 77027
(713) 552-1360

January 2012

Project No. 104402.0098

**Trinity[△]
Consultants**

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 3.4 MSS ACTIVITIES..... 3-1

 3.5 UTILITIES 3-2

4. MAPS..... 4-1

1. INTRODUCTION

Rhodia Inc. (Rhodia) owns and operates a sulfuric acid manufacturing plant in Baytown, Harris County, Texas (Baytown Plant). The facility produces sulfuric acid by regenerating spent sulfuric acid (sulfuric acid received from petroleum refining and chemical processes that has been in contact with volatile organic compounds). The Baytown Plant currently operates under the Texas Commission on Environmental Quality (TCEQ) account number HG-0696-Q. Rhodia has a TCEQ Customer Reference Number CN600125330 and the Baytown plant is registered with a Regulated Entity Number RN100211317. The Baytown Plant is authorized by a federal operating permit O1610.

With this application, Rhodia proposes to revise the Permit O1610 to reflect the correct regulatory requirement for several tanks. Recent vapor analysis from the spent acid tanks indicates that the maximum vapor pressure is less than 0.5 psia for VOC. Therefore, these tanks are NOT subject to 40 CFR Kb requirements. However, construction Permit 56534 authorizes these tanks at VOC vapor pressure of 1 psia. Additionally, Rhodia also proposes to submit an amendment of Permit 56534 by January 31, 2012 to incorporate the updated vapor pressure and corresponding speciation profile for VOC based on the recent vapor analysis from the spent acid tanks. Table 1-1 summarizes all the revisions related to this application.

Section 2 contains all the required forms for this submittal. A process description is located in Section 3. An area map indicating the site location, a plot plan identifying the location of sources, and process flow diagrams are included in Section 4.

TABLE 1-1. SUMMARY OF CHANGES

Item	Description	Change
GRPACIDTNK	Spent acid tanks T-5 to T-8	The tanks are not subject to 40 CFR, Part 60, Subpart Kb due to vapor pressure < 0.5 psia. Additionally, except 30 TAC 115.118 (relating to Recordkeeping Requirements), these tanks are not subject to any other requirements in 30 TAC 115.
T-16	Production Tank	This tank has been changed from 96% to 98% sulfuric acid production tank. Since it does not store VOC, it is no longer subject to 30 TAC 115 requirements. Also, since it is no longer stores any VOC, this tank is not subject to 40 CFR, Part 60, Subpart Kb.
Permit Shield	T-5 to T-8	Remove 40 CFR, Part 60, Subpart K from permit shield
Permit Shield	T-16	Remove 40 CFR, Part 60, Subpart K from permit shield
Permit Shield	T-16	Not subject to 40 CFR, Part 60, Subpart Kb or 30 TAC 115
Periodic Monitoring	VOC control for Tank T-5 to T-8	Deleted. These tanks are not subject to periodic monitoring requirement per 30 TAC 115 as their vapor pressures are less than 0.5 psia
Periodic Monitoring	VOC control for T-16	Deleted. This tank is no longer a VOC storage tank.
Compliance Schedule	T-16,	Deleted for T-16. For T-16 tank, since it no longer stores VOC; therefore, no vapor combustor is needed.
	PREHTRSTK,	The stack test for preheater was performed in time. However, stack test results indicated that Rhodia did not meet the Chapter 117 requirement. Rhodia proposes to schedule another stack test for the preheater based on the compliance plan and schedule as provided in TCEQ OP-ACPS form.
	PKGBOILSTK	The stack tests for package boiler have been completed in time.

2. TCEQ FORMS

**OP-CRO1
OP-2
OP-SUMR
OP-UA3
OP-REQ2
OP-MON
OP-ACPS**

OP-CRO1



Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

APIRT
JAN 20 2012

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION		
A. RN: 100211317	B. CN: 600125330	C. Account No.: HG0696Q
D. Permit No.: O1610	E. Project No.:	
F. Area Name: Baytown Plant		
G. Company Name: Rhodia Inc.		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>		
A. <input type="checkbox"/> Responsible Official:	B. <input checked="" type="checkbox"/> Duly Authorized Representative: William McConnell	
III. SUBMITTAL TYPE <i>(Place an "X" in the appropriate box) (Only one response can be accepted per form)</i>		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. CERTIFICATION OF TRUTH		
This certification does not extend to information which is designated by the TCEQ as information for reference only.		
I, <u>William McConnell</u> , certify that I am the <u>DAR</u> for this application <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period in Section IV.A below, or on the specific date(s) in Section IV.B below, are true, accurate, and complete:		
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>		
A. Time Period: From _____ to _____ <i>Start Date*</i> <i>End Date*</i>		
OR		
B. Specific Dates: <u>01/17/2012</u>		
<i>Date 1* Date 2* Date 3* Date 4* Date 5* Date 6* Date 7* Date 8*</i>		
<i>*The Time Period option may only be used when the "Submittal Type" is 'Update to Permit Application' and there are multiple uncertified submittals; or a submittal package has multiple dates recorded in the documentation. Do not use the Time Period option if the "Submittal Type" is 'Other.'</i>		
Signature: <u><i>William McConnell</i></u>		Signature Date: <u><i>1/17/12</i></u>
Title: <u>Plant Manager</u>		

gms 1/23/12

OP-2



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2
Table 1



Date: 01/12/2012	Permit No.: O1610	Account No.: HG0696Q	Regulated Entity No.: RN100211317
Area Name: Baytown Plant	Company Name: Rhodia Inc.		Customer Reference No.: CN600125330

For Submissions to EPA (SOP renewal, minor revision, and significant revision applications only)

Has a copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) YES NO

I. APPLICATION TYPE

Indicate the type of application:

<input type="checkbox"/> Renewal	<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)
<input checked="" type="checkbox"/> Significant Revision	<input type="checkbox"/> Revision Requesting Prior Approval
<input type="checkbox"/> Administrative Revision	<input type="checkbox"/> Response to Reopening

II. QUALIFICATION STATEMENT

For SOP Revisions Only	The referenced changes qualify for the marked revision type.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	The permitted area continues to qualify for a GOP.	<input type="checkbox"/> YES <input type="checkbox"/> NO

III. MAJOR SOURCE POLLUTANTS (Complete this section if the permit revision is due to a change at the site.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:

Pollutant	VOC	NO _x	SO ₂	PM ₁₀	CO	Pb	HAPs	Other
Major at the Site (YES/NO):	NO	YES	YES	NO	NO	NO	NO	NO

IV. FEE INFORMATION

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? YES NO N/A

V. DELINQUENT FEES AND PENALTIES

Notice: This form will not be processed until all delinquent fees and/or penalties owed the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2

Table 2

Date: 01/12/2012	Permit No.: O1610	Account No.: HG0696Q	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Company Name: Rhodia Inc.	Customer Reference No.: CN600125330

I. Description of REVISION		Unit/Group Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
Revision No.	Revision Code	New Unit	ID No.	Applicable Form		
1	SIG-A	NO	GRPACIDTNK	OP-UA3	56534	Rule applicability change and remove periodic monitoring
2	SIG-A	NO	T-16	OP-REQ2	56534	Rule applicability change
				OP-		
				OP-		
				OP-		
				OP-		
				OP-		
				OP-		
				OP-		
				OP-		
				OP-		



**Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal**

Form OP-2

Table 3

Date: 01/12/2012	Permit No.: O1610	Account No.: HG0696Q	Regulated Entity No.: RN100211317
Area Name: Baytown Plant		Company Name: Rhodia Inc.	Customer Reference No.: CN600125330

I. SIGNIFICANT REVISION <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required: Spanish	
C. Will there be a change in air pollutant emissions as a result of the significant revision?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:	
Pollutant	Description of the Change in Pollutant Emissions
Benzene, Toluene, Ethylbenzene, and m,p-Xylene	Overall decrease in VOC emissions from spent acid tanks. However, new pollutants discovered due to the testing of vapor space from spent acid tanks. Rhodia proposes to submit an amendment to Permit 56534 by January 31, 2012.

OP-SUMR



Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Unit						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
	2	T-16	OP-UA3	Production Acid Tank		56534	



Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.	Plant AI	Plant ID No.
1	T-5	OP-UA3		GRPACIDTNK		
1	T-6	OP-UA3		GRPACIDTNK		
1	T-7	OP-UA3		GRPACIDTNK		
1	T-8	OP-UA3		GRPACIDTNK		

OP-UA3

OP-REQ2



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

APIRT
JAN 20 2012

Date 01/12/2012	Regulated Entity No.: RN100211317	Permit No: O1610
Company Name: Rhodia Inc.	Area Name Baytown Plant	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
	2	T-16	OP-REQ2	NSPS Kb	§60.110b(a)	Tank does not store VOC
	2	T-16	OP-REQ2	Chapter 115, Storage of VOCs	§115.110(a)	Tank does not store VOC

OP-MON



**Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program**

Table 2a: CAM/PM Deletions

I. IDENTIFYING INFORMATION			
A. Account No.:	HG0696Q	B. RN No.:	RN100211317
C. CN No.:	CN600125330		
D. Permit No.:	O1610	E. Project No.:	TBA
F. Area Name:	Baytown Plant		
G. Company Name:	Rhodia Inc.		
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION			
A. Revision No.:	1	B. Unit/EPN/Group/Process ID No.:	GRPACIDTNK
C. Applicable Form:	OP-UA3		
III. APPLICABLE REGULATORY REQUIREMENT			
A. Name:	30 TAC Chapter 115	B. SOP/GOP Index No.:	R5112-0001
C. Pollutant:	VOC	D. Main Standard:	§115.112(a)(1)
IV. TITLE V MONITORING INFORMATION			
A. Monitoring Type:	PM	B. CAM/PM Option No.:	PM-V-007
V. CONTROL DEVICE INFORMATION			
A. Device ID No.:	1	B. Device Type:	DIRFLM
VI. TYPE OF DELETION			
A. Monitoring Requirement:	X	B. Control Device:	

Table 2b: CAM/PM Control Device Deletions

EMISSION UNIT		CONTROL DEVICE		
1	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
2	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
3	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
4	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
5	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
6	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	



**Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program**

Table 2a: CAM/PM Deletions

I. IDENTIFYING INFORMATION			
A. Account No.:	HG0696Q	B. RN No.:	RN100211317
C. CN No.:	CN600125330		
D. Permit No.:	O1610	E. Project No.:	TBA
F. Area Name:	Baytown Plant		
G. Company Name:	Rhodia Inc.		
II. UNIT/EMISSION POINT/GROUP/PROCESS INFORMATION			
A. Revision No.:	2	B. Unit/EPN/Group/Process ID No.:	T-16
C. Applicable Form:	OP-UA3		
III. APPLICABLE REGULATORY REQUIREMENT			
A. Name:	30 TAC Chapter 115	B. SOP/GOP Index No.:	R5112-0004
C. Pollutant:	VOC	D. Main Standard:	§115.112(a)(1)
IV. TITLE V MONITORING INFORMATION			
A. Monitoring Type:	PM	C. CAM/PM Option No.:	PM-V-008
V. CONTROL DEVICE INFORMATION			
A. Device ID No.:	DOCKVC	B. Device Type:	COMB
VI. TYPE OF DELETION			
A. Monitoring Requirement:	X	B. Control Device:	

Table 2b: CAM/PM Control Device Deletions

EMISSION UNIT		CONTROL DEVICE		
1	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
2	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
3	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
4	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
5	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	
6	A. Unit ID No.:	B. Device ID No.:	C. Device Type:	

OP-ACPS



Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule



Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(e)(9).

Part 1

A.	Compliance Plan — Future Activity Committal Statement
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	

B.	Compliance Certification — Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. (For reference only)	1
<p>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122. Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</p>		



**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Part 2

A. Compliance Schedule				
If there are non-compliance situations ongoing at time of application, then complete a <u>separate</u> OP-ACPS Part 2 for <u>each</u> separate non-compliance situation. (See form instructions for details.) If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.				
1. Specific Non-Compliance Situation				
Unit/Group/Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PREHTRSTK		CO	§117.310(C)(1)	CO limit 400 ppmv at 3.0% O2, dry basis.
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
§117.9020(2)(C)	Perform stack test		Rhodia Baytown Plant	
3. Non-compliance Situation Description				
The stack test for preheater was performed in time. However, stack test results indicated that Rhodia did not meet the Chapter 117 requirement.				



**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Part 2 (continued)

4. Corrective Action Plan Description		
Rhodia will again perform the required stack test stated in 30 TAC Chapter 117.9020(2)(C).		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
1	Rhodia proposes to perform the stack test for preheater by January 17, 2012.	
2		
3		
4		
5		
6. Previously Submitted Compliance Plan(s)	Type of Action	Date Submitted
	N/A	
7. Progress Report Submission Schedule	Every six months until the non-compliance issue is resolved.	

3. PROCESS DESCRIPTION

3.1 REGENERATION UNIT (PRO-REGEN)

The unit is designed to produce fresh sulfuric acid from a blend of refinery or chemical plant spent sulfuric acids or "sludges". Hydrogen sulfide gas and natural gas are burned to maintain proper operating parameters and sulfur dioxide (SO₂) strengths. The sludge and sulfur are sprayed into a combustion furnace where the hydrocarbons and sulfur are burned and the spent sulfuric acid is decomposed. The combustion gases exit the furnace and pass through a boiler for heat recovery and then passed through gas cleaning, cooling, and mist removal equipment. This equipment consists of a scrubbing tower, a direct contact gas cooler, two electrostatic precipitators, and a drying tower.

The gases are next sent through a catalytic converter. In the converter the gas passes over multiple beds of catalyst, where the SO₂ gas is converted to sulfur trioxide (SO₃) gas. From the converter the gas passes through an economizer where more heat is recovered and finally sent to an absorbing tower.

In the absorbing tower, the SO₃ reacts with water to form sulfuric acid. Sulfur trioxide is absorbed from the gas by concentrated sulfuric acid that circulates in the tower. This increases the strength of the acid. Water is added to the acid in a pump tank to return the acid to the desired strength.

The gas that exits from the absorbing tower is passed through a mist removal element where any entrained acid (or acid mist) from the absorbing tower is removed. The final gas stream enters an ammonia scrubber that reduces the concentration of unconverted sulfur dioxide gas. The tail gas is then exhausted to the stack.

3.2 BARGE LOADING

Barges carry spent acid and transport the acid into spent acid tanks T-5 to T-8. Emissions from barges are controlled by a dockside caustic scrubber followed by a vapor combustor. Emissions from spent acid tanks (T-5 to T-8) are usually controlled by the furnace.

3.3 RAILCAR LOADING

Railcars carry spent acid and transport the acid into spent acid tanks T-5 to T-8. Emissions from spent acid tanks (T-5 to T-8) are usually controlled by the furnace. In case the furnace is out of service, the emissions are routed to a caustic scrubber.

3.4 MSS ACTIVITIES

Catalyst beds in converters are cleaned periodically. The emissions from the catalyst screening are controlled by a bag filter. When maintenances are performed for spent acid tanks T-5 to T-8, the purged gas is combusted in a portable flare.

3.5 UTILITIES

A number of miscellaneous emission sources are in place to maintain the facility's normal operations. Rhodia operates a cooling tower at the Baytown Plant. During periods of plant startup and shutdown, plant steam is generated by a package boiler. A small gas tank is maintained to supply fuel to on-site motor vehicles. The plant also maintains a used oil tank.

4. MAPS

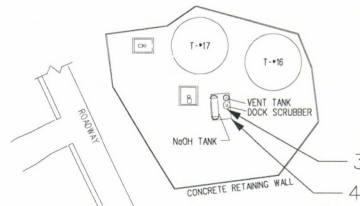
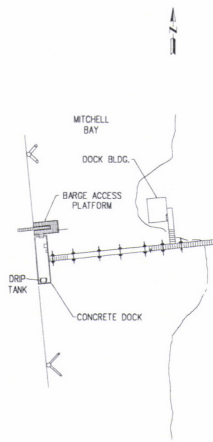
PLOT PLAN

AREA MAP

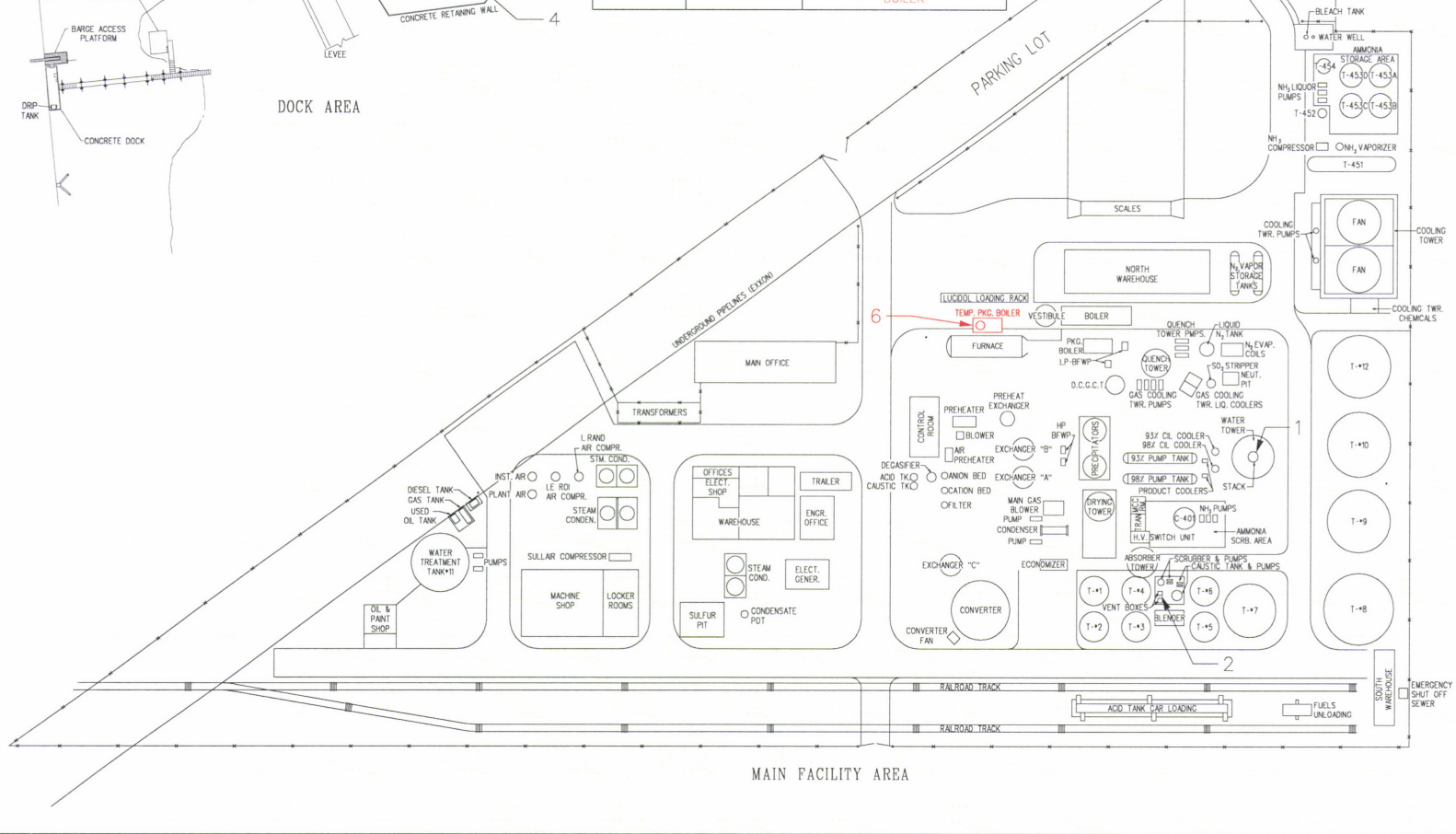
PROCESS FLOW DIAGRAMS

RHODIA FACILITY MAP
BAYTOWN PLANT
(SEPTEMBER 2008)

NUMBER ON PLOT PLAN	EMISSION POINT NUMBER	NAME OF EMISSION POINT
1	1	ACID PLANT EXHAUST STACK
2	EMSCRUBSTK	SPENT ACID SCRUBBER STACK
3	DOCKSCRSTK	DOCK SCRUBBER STACK
4	DOCKVCSTK	DOCK VAPOR CONTROL STACK
5	T451MSS	AMMONIA TANK 451 MSS
6	TPBSTK	TEMPORARY PACKAGE BOILER



DOCK AREA



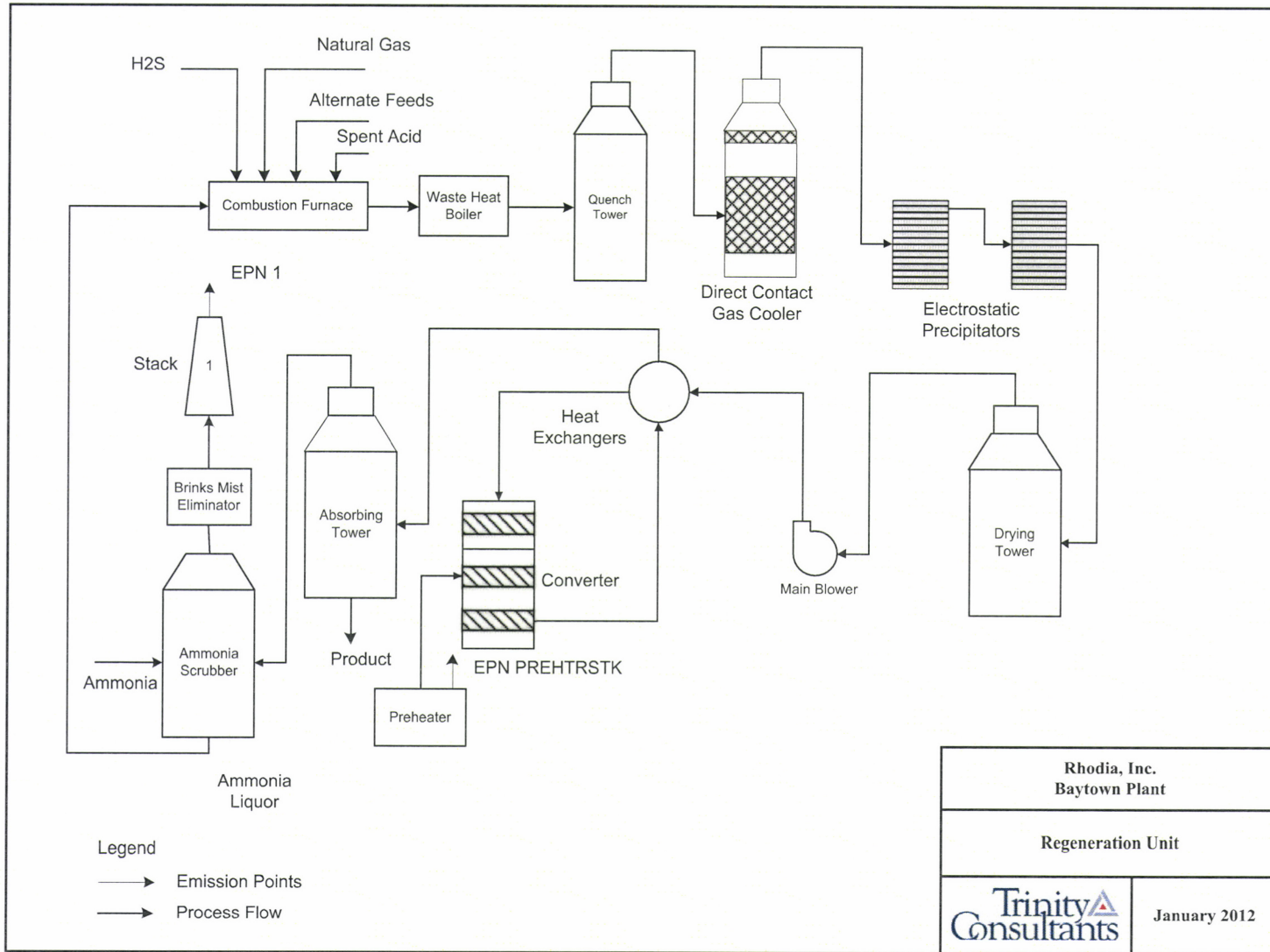
MAIN FACILITY AREA

Aerial Map for Rhodia Inc., Baytown Plant

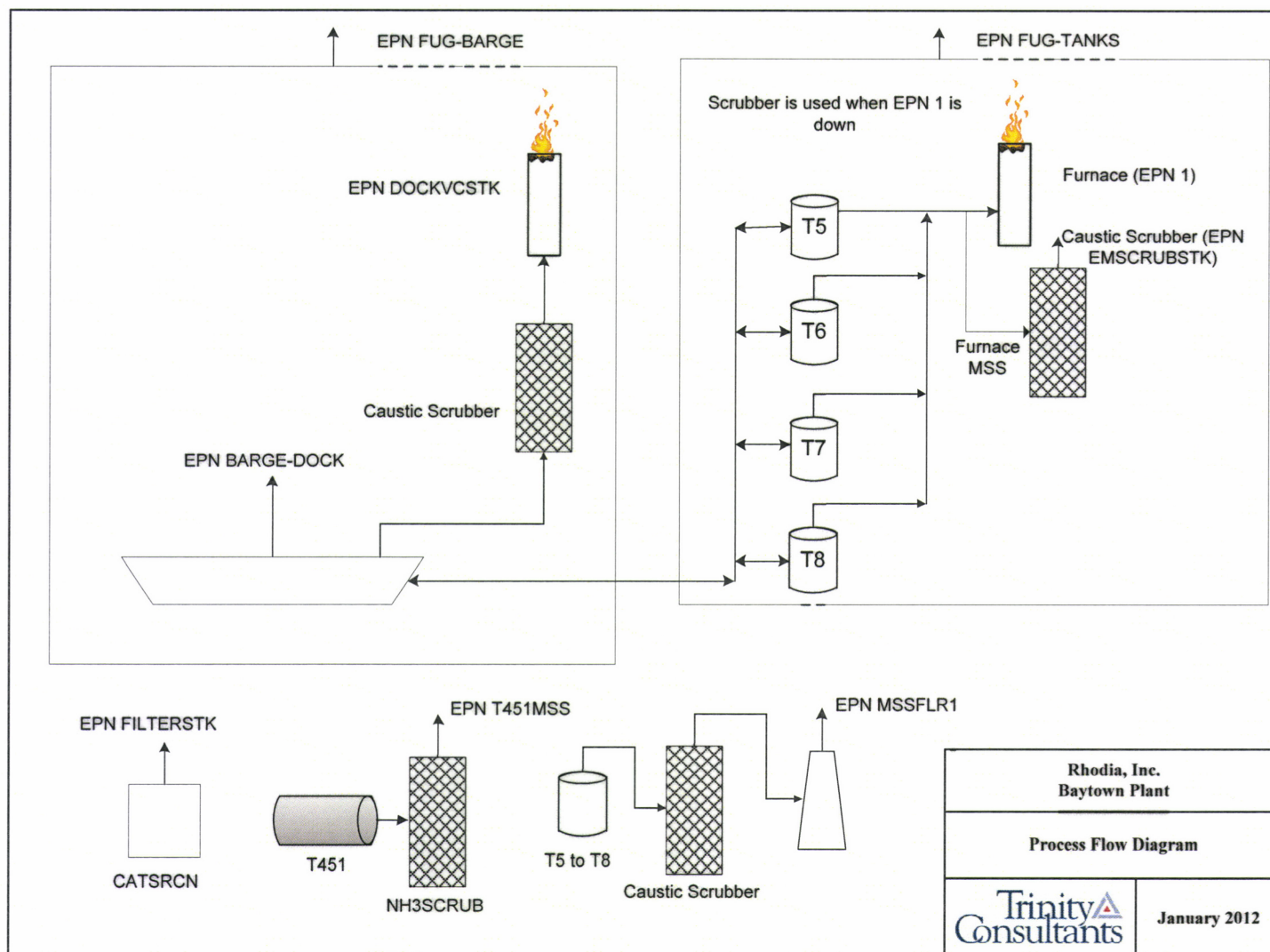



Referenced Universal Transverse Mercator (UTM) coordinates are in North American Datum 83 (NAD 83) datum.

PROCESS FLOW DIAGRAM I REGENERATION UNIT

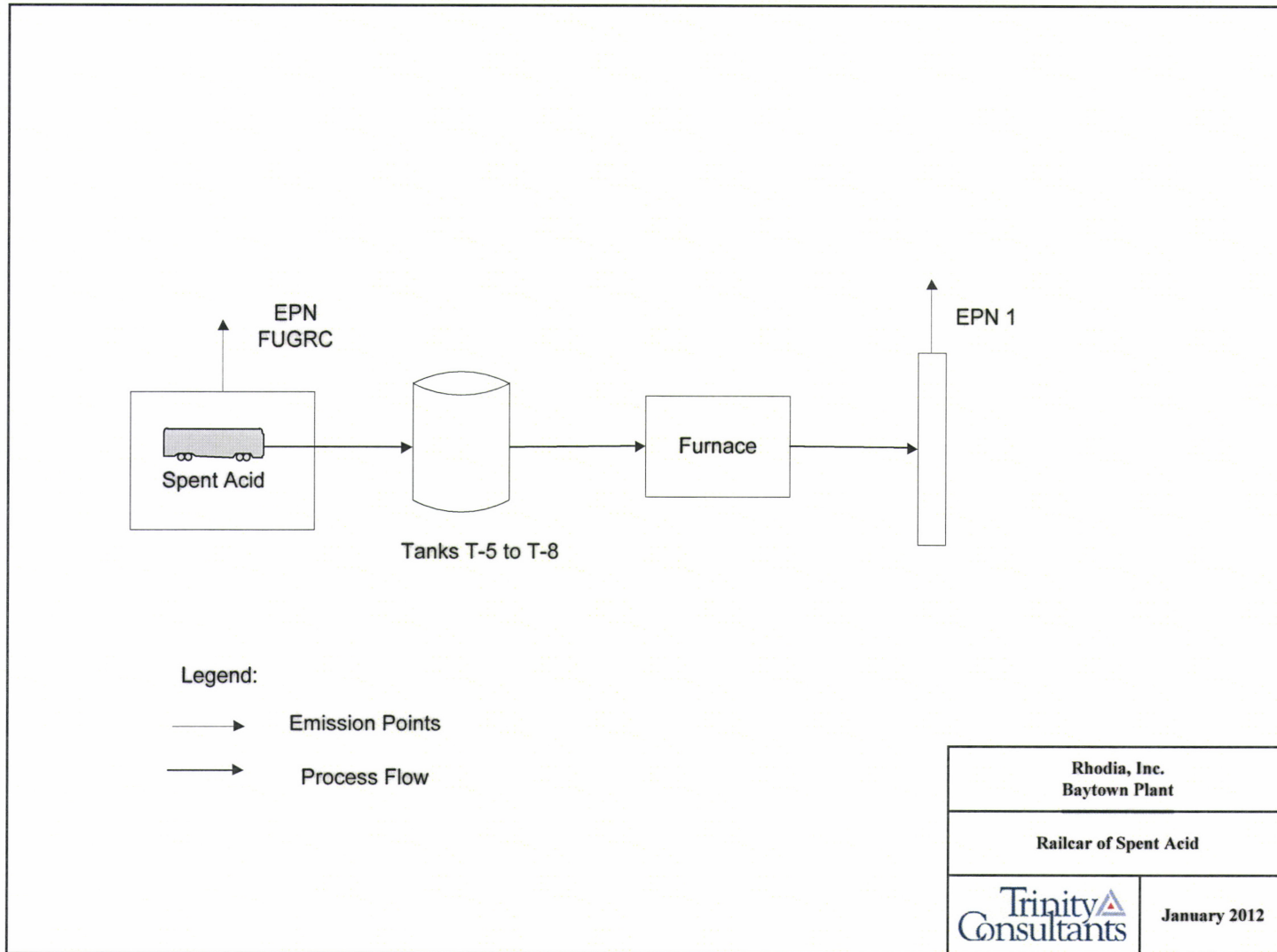


PROCESS FLOW DIAGRAM 2 BARGE LOADING



Rhodia, Inc. Baytown Plant	
Process Flow Diagram	
	January 2012

PROCESS FLOW DIAGRAM 3 RAILCAR LOADING





Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(e)(9).

Part 1

A. Compliance Plan — Future Activity Committal Statement
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>

B. Compliance Certification — Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	1
<p>* <i>For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.</i> <i>For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</i> <i>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</i></p>	



Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Part 2

A. Compliance Schedule				
If there are non-compliance situations ongoing at time of application, then complete a <u>separate</u> OP-ACPS Part 2 for <u>each</u> separate non-compliance situation. (See form instructions for details.) If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.				
1. Specific Non-Compliance Situation				
Unit/Group/Process ID. No(s).	SOP Index No.	Pollutant	Applicable Requirement	
			Citation	Text Description
PREHTRSTK		NOx	§117.310(a)(8)(A)(ii)	NOx limit 0.036 lb/MMBtu (or 30 ppmv NOx, at 3.0% O2 dry basis).
2. Compliance Status Assessment Method and Records Location				
Compliance Status Assessment Method			Location of Records/Documentation	
Citation	Text Description			
§117.9020(2)(C)	Perform stack test		Rhodia Baytown Plant	
3. Non-compliance Situation Description				
The stack test for preheater was performed in time. However, stack test results indicated that Rhodia did not meet the Chapter 117 requirement.				



**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 01/12/2012	Regulated Entity No.: RN100211317	Permit No.: O1610
Company Name: Rhodia Inc.		Area Name: Baytown Plant

Part 2 (continued)

4. Corrective Action Plan Description		
Rhodia will again perform the required stack test stated in 30 TAC Chapter 117.9020(2)(C).		
5. List of Activities/Milestones to Implement the Corrective Action Plan		
1	Rhodia to design burner system for high nitrogen bearing refinery gas by May 1, 2012	
2	Rhodia to purchase and install burner system by September 30, 2012	
3	Rhodia proposes to perform the stack test for preheater by November 1, 2012.	
4		
5		
6. Previously Submitted Compliance Plan(s)	Type of Action	Date Submitted
	N/A	
7. Progress Report Submission Schedule	Every six months until the non-compliance issue is resolved.	

From: (713) 552-1371
Trinity Consultants

Origin ID: HOUA



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HOUSTON, TX 77027

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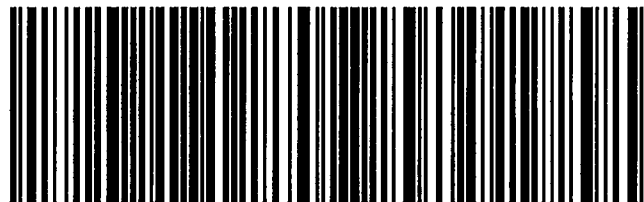
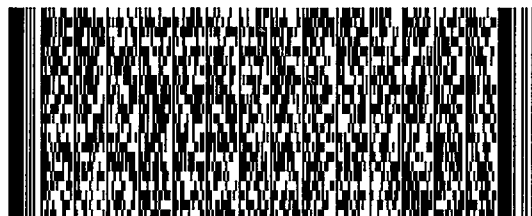
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