

Document Control Sheet

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Record Series Name:	AIR / Federal Operating Permit
Record Series:	AIR OP
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Date:	11/19/2021 12:00AM
Title:	Applications
Tertiary ID	

Gulf Coast Growth Ventures LLC
P.O. Box 367
Gregory, TX 78359-0367



CERTIFIED MAIL NO. 7020 1290 0000 6618 7814
RETURN RECEIPT REQUESTED

November 19, 2021

Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC 161
P. O. Box 13087
Austin, Texas 78711-3087

Re: Site Operating Permit Revision Application; Permit No. 04169
Gulf Coast Growth Ventures LLC
Customer Reference Number: CN605632439
Regulated Entity Number: RN109753731

To Whom It May Concern:

Gulf Coast Growth Ventures LLC (GCGV) is submitting a revision to Site Operating Permit No. 04169. This minor permit revision meets the criteria outlined in 30 TAC §122.215 and the application includes all the information required by 30 TAC §122.216.

GCGV seeks to update the following in the Title V Permit:

- 1) Incorporate NSR Permit 146425 amendment.
- 2) Update process vent unit attributes for Unit IDs GBD05, GED03, and GBD02 and Group ID GRPHON-PV.
- 3) Add new Unit IDs GDVAC, GCD01, and GDD03 to the permit and applicability for 40 CFR Part 63 Subpart G and 30 TAC Chapter 115 Subchapter B.
- 4) Remove 40 CFR Part 60 Subpart NNN and 40 CFR Part 65 Subpart D applicability for RJT01.
- 5) Update Chapter 115 periodic monitoring for catalytic incinerators ZWSRCO1A and ZWSRCO1B.
- 6) Add new Unit IDs RAT25 and EMACTUNIT to the permit and applicability for 40 CFR Part 63 Subparts XX and YY as applicable.
- 7) Add new Unit IDs RBD28, PRO-RBT30, UFD02, and UFD03 to the permit and applicability for 40 CFR Part 61 Subpart FF. Add applicability for 30 TAC Chapter 115 for RBD28.
- 8) Add multiple new process vent Unit IDs and Group IDs GRPANVT-1 and GRPANVT-2 to the permit and applicability for 30 TAC Chapter 115 Subchapter B and, where applicable, Compliance Assurance Monitoring (CAM).
- 9) Add new Unit IDs OLDUNLOAD and OLDTANK to the permit and applicability for 40 CFR Part 63 Subpart EEEE.
- 10) Add new Unit ID RAX10TK1UL to the permit and applicability for 30 TAC 115 Subchapter C.
- 11) Add alternate operating scenario for existing Unit IDs ZTD12 and PRO-RJT01.



The following forms are included in this submittal:

Section 1 – General Administrative Forms

- OP-2: Application for Permit Revision/Renewal
- OP-CRO1: Certification by Responsible Official
- OP-SUMR: Individual Unit Summary for Revisions

Section 2 – Unit Attribute Forms (new/updated information in bold)

- OP-UA1: Miscellaneous Unit Attributes – Page 1
- OP-UA3: Storage Tank/Vessel Attributes – Tables 12a-c
- OP-UA4: Loading/Unloading Operations Attributes – Table 1a
- OP-UA14: Water Separator Attributes – Tables 1 & 5a-b
- OP-UA15: Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes – Tables 2a-b & 6a-c
- OP-UA58: Treatment Process Attributes – Tables 2a-c

Section 3 – Applicability Identification Forms

- OP-REQ1: Application Area-Wide Applicability Determinations and General Information – 87 and 88
- OP-REQ3: Applicable Requirements Summary

Section 4 – Monitoring Requirement Forms

- OP-MON: Monitoring Requirements

If you have any questions about this submittal, please contact Ms. Hanh Tran at 361-977-3326 or via email at hanh.m.tran@exxonmobil.com.

Sincerely,



Brady J. Fontenot
Environmental Section Supervisor
Gulf Coast Growth Ventures LLC

Attachments

cc: TCEQ Region 14 – Air Program Manager
500 N. Shoreline Blvd., Ste. 500
Corpus Christi, Texas 78401-0318
CERTIFIED MAIL NO. 7020 1290 0000 6618 7821

cc: EPA Region 6 at R6AirPermitsTX@epa.gov

Section 1
General Administrative Forms

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

Date:	11/19/2021							
Permit No.:	O4169							
Regulated Entity No.:	RN109753731							
Company Name:	Gulf Coast Growth Ventures LLC							
For Submissions to EPA								
Has a copy of this application been submitted (or is being submitted) to EPA?								<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 (Must include provisional terms and conditions as explained in the instructions.)						
<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
Major at the site (YES/NO):	Yes	Yes	No	Yes	Yes	No	Yes	CO2
IV. Reference Only Requirements (For reference only)								
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-Table 2**

Date:	11/19/2021					
Permit No.:	O4169					
Regulated Entity No.:	RN109753731					
Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-A	NO	--	OP-REQ1	146425	Incorporating NSR Permit 146425 alteration issued November 19, 2021.
2	MS-C	NO	GBD05	OP-UA15 OP-REQ3	N/A	Updating unit attributes and SOP Index No. for 40 CFR Part 63 Subpart G.
3	MS-C	NO	GED03	OP-UA15 OP-REQ3	N/A	Updating unit attributes for 40 CFR Part 63 Subpart G.
4	MS-C	NO	GRPHON-PV	OP-UA15 OP-REQ3	N/A	Updating unit attributes for 40 CFR Part 63 Subpart G.
5	MS-C	YES	GDVAC	OP-SUMR OP-UA15 OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding 30 TAC Chapter 115 Subchapter B applicability. Adding 40 CFR Part 63 Subpart G applicability.

Date:	11/19/2021					
Permit No.:	O4169					
Regulated Entity No.:	RN109753731					
Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
6	MS-C	NO	GBD02	OP-SUMR OP-UA15 OP-MON OP-REQ3	N/A	Removing Unit ID from Group ID No. GRPHON-PV. Adding 30 TAC Chapter 115 Subchapter B applicability. Adding Compliance Assurance Monitoring (CAM) for 30 TAC Chapter 115 Subchapter B. Adding 40 CFR Part 63 Subpart G applicability.
7	MS-C	YES	GCD01	OP-SUMR OP-UA15 OP-MON OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding 30 TAC Chapter 115 Subchapter B applicability. Adding Compliance Assurance Monitoring (CAM) for 30 TAC Chapter 115 Subchapter B. Adding 40 CFR Part 63 Subpart G applicability.
8	MS-C	YES	GDD03	OP-SUMR	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding Unit ID to Group ID No. GRPHON-PV.
9	MS-C	NO	RJT01	OP-UA1	N/A	Removing 40 CFR Part 60 Subpart NNN and 40 CFR Part 65 Subpart D applicability.

Date:	11/19/2021					
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Regulated Entity No.:	RN109753731					
Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
10	MS-C	NO	GRPSKIMMER	OP-MON	N/A	<p>Updating periodic monitoring for catalytic incinerators ZWSRCO1A and ZWSRCO1B:</p> <p>Deviation Limit: A minimum catalyst bed inlet combustion temperature of 700 °F shall be maintained before establishing a minimum catalyst bed inlet combustion temperature using the most recent performance test or stack testing data.</p> <p>Periodic Monitoring Text: Measure and record the catalyst bed inlet combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.</p>

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Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
11	MS-C	YES	RAT25	OP-SUMR OP-UA1 OP-UA15 OP-MON OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding applicability for 40 CFR 63 Subpart YY. Adding 30 TAC Chapter 115 Subchapter B applicability. Adding Compliance Assurance Monitoring (CAM) for 30 TAC Chapter 115 Subchapter B.
12	MS-C	YES	EMACTUNIT	OP-SUMR OP-UA1 OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding applicability for 40 CFR 63 Subparts XX and YY.
13	MS-C	YES	RBD28	OP-SUMR OP-UA1 OP-UA14 OP-MON OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding applicability for 30 TAC Chapter 115. Adding Periodic Monitoring (PM) for 30 TAC Chapter 115 Subchapter B. Adding applicability for 40 CFR 61 Subpart FF.
14	MS-C	YES	PRO-RBT30	OP-SUMR OP-UA1 OP-UA58 OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding applicability for 40 CFR 61 Subpart FF.

Date:	11/19/2021					
Permit No.:	O4169					
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Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
15	MS-C	YES	UFD02	OP-SUMR OP-UA1 OP-UA3 OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding applicability for 40 CFR 61 Subpart FF.
16	MS-C	YES	UFD03	OP-SUMR OP-UA1 OP-UA3 OP-REQ3	146425 PSDTX1518	Adding Unit ID to Title V Permit. Adding applicability for 40 CFR 61 Subpart FF.
17	MS-C	YES	RAS02FV RAS04FV RAS05FV RAS06FV GAR02TV GAR06TV GAR07TV GAR14TV GAR15TV	OP-SUMR	146425 PSDTX1518	Adding Unit IDs to Title V Permit. Adding Unit IDs to new Group ID No. GRPANVT-1.
18	ADMIN-E	YES	GRPANVT-1	OP-UA15 OP-MON OP-REQ3	146425 PSDTX1518	Adding 30 TAC Chapter Part 115 applicability. Adding Compliance Assurance Monitoring (CAM) for 30 TAC Chapter 115 Subchapter B.
19	MS-C	YES	CAR01AV CAR02AV EAR01AV EAR02AV	OP-SUMR	146425 PSDTX1518	Adding Unit IDs to Title V Permit. Adding Unit IDs to new Group ID No. GRPANVT-2.

TCEQ-10059 (v26, revised 10/200) OP-2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

Date:	11/19/2021					
Permit No.:	O4169					
Regulated Entity No.:	RN109753731					
Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
			EAR03FV EAR05AV EAR06AV EAS01AV EAS01FV EAS02AV EAS02FV EAS03AV EAS03FV FAS01AV1 FAS01AV2 FAS01WR FAS02AV1 FAS02AV2 FAS02WR FAS03AV1 FAS03AV2 FAS03WR FAS04AV1 FAS04AV2 FAS04WR RAR06FV RAR07FV RAR08FV RAS01AV RAS02AV RAS03AV			

TCEQ-10059 (v26, revised 10/200) OP-2


This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

Date:	11/19/2021					
Permit No.:	O4169					
Regulated Entity No.:	RN109753731					
Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
			RAS04AV RAS05AV RAS06AV UAR01AV UAR06 AV UAR07 AV UAS01AV UAS01FV UAS02AV UAS03AV UAS04AV UAS06AV UAS07AV GAS01AV GAS02AV GAR09AV GAS01FV GAS02FV			
20	ADMIN-E	YES	GRPANVT-2	OP-UA15 OP-REQ3	146425 PSDTX1518	Adding 30 TAC Chapter Part 115 applicability.

Date:	11/19/2021					
Permit No.:	O4169					
Regulated Entity No.:	RN109753731					
Company Name:	Gulf Coast Growth Ventures LLC					
I. Description of Revision						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
21	MS-C	YES	OLDUNLOAD	OP-SUMR OP-UA1 OP-REQ1 OP-REQ3	Registration No. 167159	Adding new Unit ID to Title V Permit. Adding 106.261 / 11/01/2003 and 106.262 / 11/01/2003 to the New Source Review Authorization References by Emissions Unit Table. Adding 40 CFR Part 63 Subpart EEEE applicability.
22	MS-C	YES	OLDTANK	OP-SUMR OP-UA1 OP-REQ1 OP-REQ3	Registration No. 167159	Adding new Unit ID to Title V Permit. Adding 106.261 / 11/01/2003 and 106.262 / 11/01/2003 to the New Source Review Authorization References by Emissions Unit Table. Adding 40 CFR Part 63 Subpart EEEE applicability.
23	ADMIN-E	YES	RAX10TK1UL	OP-SUMR OP-UA4 OP-REQ1 OP-REQ3	Registration No. 167159	Adding new Unit ID to Title V Permit. Adding 106.261 / 11/01/2003 and 106.262 / 11/01/2003 to the New Source Review Authorization References by Emissions Unit Table. Adding 30 TAC 115 Subchapter C applicability.
24	MS-C	NO	ZTD12	OP-UA14	N/A	Adding Index No. 61FF-9 for 40 CFR Part 61 Subpart FF applicability for an alternate operating scenario.
25	MS-C	NO	PRO-RJT01	OP-UA58	N/A	Adding Index No. 61FF-1 for 40 CFR Part 61 Subpart FF applicability for an alternate operating scenario.

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: 109753731		CN: 605632439		Account No.: SDA013M	
Permit No.: 04169			Project No.: TBD		
Area Name: Olefins, Derivative and Utilities			Company Name: Gulf Coast Growth Ventures LLC		
II. Certification Type <i>(Please mark the appropriate box)</i>					
<input checked="" type="checkbox"/> Responsible Official			<input 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 checked="" 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>Paul Fritsch</u> certify that I am the <u>RO</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: 11/19/2021 <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: <u>11/19/2021</u>		
Title: <u>President</u>					

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1**

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	5	GDVAC	OP-UA15	GLYCOL VACUUM VENT		146425	PSDTX1518
A	7	GCD01	OP-UA15	RESIDUAL GAS COMPRESSOR SUCTION KO DRUM VENT	Y	146425	PSDTX1518
A	8	GDD03	OP-UA15	RECYCLE CO2 COMPRESSOR SUCTION KO DRUM VENT	Y	146425	PSDTX1518
A	11	RAT25	OP-UA1 OP-UA15	SECONDARY FUEL OIL TOWER OH DRUM VENT	Y	146425	PSDTX1518
A	12	EMACTUNIT	OP-UA1	ETHYLENE PROCESS UNIT		146425	PSDTX1518
A	13	RBD28	OP-UA14	CAUSTIC SKIM SEPARATOR	Y	146425	PSDTX1518
A	14	PRO-RBT30	OP-UA58	CAUSTIC STRIPPER TREATMENT PROCESS		146425	PSDTX1518
A	15	UFD02	OP-UA3	WARM FLARE DRUM		146425	PSDTX1518
A	16	UFD03	OP-UA3	FLARE KNOCKOUT DRUM		146425	PSDTX1518
A	17	RAS02FV	OP-UA15	OR ANALYZER VENT FROM RAS02	Y	146425	PSDTX1518

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A	17	RAS04FV	OP-UA15	OR ANALYZER VENT FROM RAS04	Y	146425	PSDTX1518
A	17	RAS05FV	OP-UA15	OR ANALYZER VENT FROM RAS05	Y	146425	PSDTX1518
A	17	RAS06FV	OP-UA15	OR ANALYZER VENT FROM RAS06	Y	146425	PSDTX1518
A	17	GAR02TV	OP-UA15	MEG ANALYZER VENT FROM GAR02	Y	146425	PSDTX1518
A	17	GAR06TV	OP-UA15	MEG ANALYZER VENT FROM GAR06	Y	146425	PSDTX1518
A	17	GAR07TV	OP-UA15	MEG ANALYZER VENT FROM GAR07	Y	146425	PSDTX1518
A	17	GAR14TV	OP-UA15	MEG ANALYZER VENT FROM GAR14	Y	146425	PSDTX1518
A	17	GAR15TV	OP-UA15	MEG ANALYZER VENT FROM GAR15	Y	146425	PSDTX1518

**Texas Commission on Environmental Quality
Federal Operating Permit Program
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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	CAR01AV	OP-UA15	PE ANALYZER VENT FROM CAR01		146425	PSDTX1518
A	19	CAR02AV	OP-UA15	PE ANALYZER VENT FROM CAR02		146425	PSDTX1518
A	19	EAR01AV	OP-UA15	PE ANALYZER VENT FROM EAR01		146425	PSDTX1518
A	19	EAR02AV	OP-UA15	PE ANALYZER VENT FROM EAR02		146425	PSDTX1518
A	19	EAR03FV	OP-UA15	PE ANALYZER VENT FROM EAR03		146425	PSDTX1518
A	19	EAR05AV	OP-UA15	PE ANALYZER VENT FROM EAR05		146425	PSDTX1518
A	19	EAR06AV	OP-UA15	PE ANALYZER VENT FROM EAR06		146425	PSDTX1518
A	19	EAS01AV	OP-UA15	PE ANALYZER VENT FROM EAS01		146425	PSDTX1518

**Texas Commission on Environmental Quality
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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	EAS01FV	OP-UA15	PE ANALYZER VENT FROM EAS01		146425	PSDTX1518
A	19	EAS02AV	OP-UA15	PE ANALYZER VENT FROM EAS02		146425	PSDTX1518
A	19	EAS02FV	OP-UA15	PE ANALYZER VENT FROM EAS02		146425	PSDTX1518
A	19	EAS03AV	OP-UA15	PE ANALYZER VENT FROM EAS03		146425	PSDTX1518
A	19	EAS03FV	OP-UA15	PE ANALYZER VENT FROM EAS03		146425	PSDTX1518
A	19	FAS01AV1	OP-UA15	OF ANALYZER VENT 1 FROM FAS01		146425	PSDTX1518
A	19	FAS01AV2	OP-UA15	OF ANALYZER VENT 2 FROM FAS01		146425	PSDTX1518
A	19	FAS01WR	OP-UA15	OF ANALYZER VENT FROM FAS01		146425	PSDTX1518

**Texas Commission on Environmental Quality
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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	FAS02AV1	OP-UA15	OF ANALYZER VENT 1 FROM FAS0		146425	PSDTX1518
A	19	FAS02AV2	OP-UA15	OF ANALYZER VENT 2 FROM FAS0		146425	PSDTX1518
A	19	FAS02WR	OP-UA15	OF ANALYZER VENT FROM FAS02		146425	PSDTX1518
A	19	FAS03AV1	OP-UA15	OF ANALYZER VENT 1 FROM FAS03		146425	PSDTX1518
A	19	FAS03AV2	OP-UA15	OF ANALYZER VENT 2 FROM FAS03		146425	PSDTX1518
A	19	FAS03WR	OP-UA15	OF ANALYZER VENT FROM FAS03		146425	PSDTX1518
A	19	FAS04AV1	OP-UA15	OF ANALYZER VENT 1 FROM FAS04		146425	PSDTX1518
A	19	FAS04AV2	OP-UA15	OF ANALYZER VENT 2 FROM FAS04		146425	PSDTX1518

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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	FAS04WR	OP-UA15	OF ANALYZER VENT FROM FAS04		146425	PSDTX1518
A	19	RAR06FV	OP-UA15	OR ANALYZER VENT FROM RAR06		146425	PSDTX1518
A	19	RAR07FV	OP-UA15	OR ANALYZER VENT FROM RAR07		146425	PSDTX1518
A	19	RAR08FV	OP-UA15	OR ANALYZER VENT FROM RAR08		146425	PSDTX1518
A	19	RAS01AV	OP-UA15	OR ANALYZER VENT FROM RAS01		146425	PSDTX1518
A	19	RAS02AV	OP-UA15	OR ANALYZER VENT FROM RAS02		146425	PSDTX1518
A	19	RAS03AV	OP-UA15	OR ANALYZER VENT FROM RAS03		146425	PSDTX1518
A	19	RAS04AV	OP-UA15	OR ANALYZER VENT FROM RAS04		146425	PSDTX1518

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1**

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	RAS05AV	OP-UA15	OR ANALYZER VENT FROM RAS05		146425	PSDTX1518
A	19	RAS06AV	OP-UA15	OR ANALYZER VENT FROM RAS06		146425	PSDTX1518
A	19	UAR01AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAR01		146425	PSDTX1518
A	19	UAR06AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAR06		146425	PSDTX1518
A	19	UAR07AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAR07		146425	PSDTX1518
A	19	UAS01AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS01		146425	PSDTX1518
A	19	UAS01FV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS01		146425	PSDTX1518
A	19	UAS02AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS02		146425	PSDTX1518

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1**

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	UAS03AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS03		146425	PSDTX1518
A	19	UAS04AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS04		146425	PSDTX1518
A	19	UAS06AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS06		146425	PSDTX1518
A	19	UAS07AV	OP-UA15	UTILITIES ANALYZER VENT FROM UAS07		146425	PSDTX1518
A	19	GAS01AV	OP-UA15	MEG ANALYZER VENT FROM GAS01		146425	PSDTX1518
A	19	GAS02AV	OP-UA15	MEG ANALYZER VENT FROM GAS02		146425	PSDTX1518
A	19	GAR09AV	OP-UA15	MEG ANALYZER VENT FROM GAR09		146425	PSDTX1518
A	19	GAS01FV	OP-UA15	MEG ANALYZER VENT FROM GAS01		146425	PSDTX1518

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	19	GAS02FV	OP-UA15	MEG ANALYZER VENT FROM GAS02		146425	PSDTX1518
A	21	OLDUNLOAD	OP-UA1	MACT EEEE TRANSFER ACTIVITY		106.261 106.262	
A	22	OLDTANK	OP-UA1	MACT EEEE TANK		106.261 106.262	
A	23	RAX10TK1UL	OP-UA4	CORROSION INHIBITOR UNLOADING		106.261 106.262	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
4	GDD03	OP-UA15	A	GRPHON-PV
6	GBD02	OP-UA15	D	GRPHON-PV
17	RAS02FV	OP-UA15	A	GRPANVT-1
17	RAS04FV	OP-UA15	A	GRPANVT-1
17	RAS05FV	OP-UA15	A	GRPANVT-1
17	RAS06FV	OP-UA15	A	GRPANVT-1
17	GAR02TV	OP-UA15	A	GRPANVT-1
17	GAR06TV	OP-UA15	A	GRPANVT-1
17	GAR07TV	OP-UA15	A	GRPANVT-1
17	GAR14TV	OP-UA15	A	GRPANVT-1
17	GAR15TV	OP-UA15	A	GRPANVT-1
19	CAR01AV	OP-UA15	A	GRPANVT-2

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
19	CAR02AV	OP-UA15	A	GRPANVT-2
19	EAR01AV	OP-UA15	A	GRPANVT-2
19	EAR02AV	OP-UA15	A	GRPANVT-2
19	EAR03FV	OP-UA15	A	GRPANVT-2
19	EAR05AV	OP-UA15	A	GRPANVT-2
19	EAR06AV	OP-UA15	A	GRPANVT-2
19	EAS01AV	OP-UA15	A	GRPANVT-2
19	EAS01FV	OP-UA15	A	GRPANVT-2
19	EAS02AV	OP-UA15	A	GRPANVT-2
19	EAS02FV	OP-UA15	A	GRPANVT-2
19	EAS03AV	OP-UA15	A	GRPANVT-2
19	EAS03FV	OP-UA15	A	GRPANVT-2
19	FAS01AV1	OP-UA15	A	GRPANVT-2

TCEQ-10344 (APDG 5767v3, Revised 02/17) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 02/17)

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
19	FAS01AV2	OP-UA15	A	GRPANVT-2
19	FAS01WR	OP-UA15	A	GRPANVT-2
19	FAS02AV1	OP-UA15	A	GRPANVT-2
19	FAS02AV2	OP-UA15	A	GRPANVT-2
19	FAS02WR	OP-UA15	A	GRPANVT-2
19	FAS03AV1	OP-UA15	A	GRPANVT-2
19	FAS03AV2	OP-UA15	A	GRPANVT-2
19	FAS03WR	OP-UA15	A	GRPANVT-2
19	FAS04AV1	OP-UA15	A	GRPANVT-2
19	FAS04AV2	OP-UA15	A	GRPANVT-2
19	FAS04WR	OP-UA15	A	GRPANVT-2
19	RAR06FV	OP-UA15	A	GRPANVT-2
19	RAR07FV	OP-UA15	A	GRPANVT-2

TCEQ-10344 (APDG 5767v3, Revised 02/17) OP-SUMR

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**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
19	RAR08FV	OP-UA15	A	GRPANVT-2
19	RAS01AV	OP-UA15	A	GRPANVT-2
19	RAS02AV	OP-UA15	A	GRPANVT-2
19	RAS03AV	OP-UA15	A	GRPANVT-2
19	RAS04AV	OP-UA15	A	GRPANVT-2
19	RAS05AV	OP-UA15	A	GRPANVT-2
19	RAS06AV	OP-UA15	A	GRPANVT-2
19	UAR01AV	OP-UA15	A	GRPANVT-2
19	UAR06 AV	OP-UA15	A	GRPANVT-2
19	UAR07 AV	OP-UA15	A	GRPANVT-2
19	UAS01AV	OP-UA15	A	GRPANVT-2
19	UAS01FV	OP-UA15	A	GRPANVT-2
19	UAS02AV	OP-UA15	A	GRPANVT-2

TCEQ-10344 (APDG 5767v3, Revised 02/17) OP-SUMR

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Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
11/19/2021	O4169	RN109753731

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
19	UAS03AV	OP-UA15	A	GRPANVT-2
19	UAS04AV	OP-UA15	A	GRPANVT-2
19	UAS06AV	OP-UA15	A	GRPANVT-2
19	UAS07AV	OP-UA15	A	GRPANVT-2
19	GAS01AV	OP-UA15	A	GRPANVT-2
19	GAS02AV	OP-UA15	A	GRPANVT-2
19	GAR09AV	OP-UA15	A	GRPANVT-2
19	GAS01FV	OP-UA15	A	GRPANVT-2
19	GAS02FV	OP-UA15	A	GRPANVT-2

Section 2

Unit Attribute Forms

Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program

Date: 11/19/2021	Permit No.: O4169	RN No.: RN109753731
Area Name: Olefins, Derivative and Utilities		CN No.: CN605632439

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
RAT25	63YY-BLR 63YY-FL 63YY-FLA 63YY-INC	EP				Ethylene process vent complying with §63.1103(e)-Table 7.d.1 under 40 CFR 63 Subpart YY.
EMACTUNIT	63YY-XX	EU				Ethylene production unit complying with 40 CFR 63 Subpart YY.
RBD28	61FF-11A	EP				Oil-water separator applicable to BWON and utilizing multi-point ground flare UFFLARE01 as the control device per the overlap provisions of §63.1095(b)(3).
PRO-RBT30	61FF-5A	PRO				Treatment process applicable to BWON and utilizing multi-point ground flare UFFLARE01 as the control device per the overlap provisions of §63.1095(b)(3).
UFD02	61FF-15A	EP				Tank applicable to BWON and utilizing multi-point ground flare UFFLARE01 as the control device per the overlap provisions of §63.1095(b)(3).

**Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

Date: 11/19/2021	Permit No.: O4169	RN No.: RN109753731
Area Name: Olefins, Derivative and Utilities		CN No.: CN605632439

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
UFD03	61FF-15A	EP				Tank applicable to BWON and utilizing multi-point ground flare UFFLARE01 as the control device per the overlap provisions of §63.1095(b)(3).
OLDUNLOAD	63EEEE-1	EP				Transfer rack unloading operations complying with §63.2338(b)(2) under 40 CFR 63 Subpart EEEE.
OLDTANK	63EEEE-2	EP				Storage tanks complying with §63.2338(b)(1) under 40 CFR 63 Subpart EEEE.

Texas Commission on Environmental Quality
Storage Tank/Vessel Attributes
Form OP-UA3 (Page 21)
Federal Operating Permit Program
Table 12a: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date:	11/19/2021
Permit No.:	O4169
Regulated Entity No.:	RN109753731

Unit ID No.	SOP Index No.	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No.	Seal Type	Alternate Means of Compliance	AMOC ID No.
UFD02	61FF-15	YES	NO				NO	
UFD02	61FF-16	YES	NO				NO	
UFD03	61FF-15	YES	NO				NO	
UFD03	61FF-16	YES	NO				NO	

Texas Commission on Environmental Quality
Storage Tank/Vessel Attributes
Form OP-UA3 (Page 22)
Federal Operating Permit Program
Table 12b: Title 40 Code of Federal Regulations Part 61, (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date:	11/19/2021
Permit No.:	O4169
Regulated Entity No.:	RN109753731

Unit ID No.	SOP Index No.	Tank Control Requirements	Fuel Gas System	Closed Vent System And Control Device	Cover and Closed Vent	Closed Vent System And Control Device AMOC	CVS/CD AMOC ID No.
UFD02	61FF-15	CVS-CD	NO		NO	NO	
UFD02	61FF-16	CVS-CD	YES				
UFD03	61FF-15	CVS-CD	NO		NO	NO	
UFD03	61FF-16	CVS-CD	YES				

Texas Commission on Environmental Quality
Storage Tank/Vessel Attributes
Form OP-UA3 (Page 23)
Federal Operating Permit Program
Table 12c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standards for Benzene Waste Operations (Tanks)

Date:	11/19/2021
Permit No.:	O4169
Regulated Entity No.:	RN109753731

Unit ID No.	SOP Index No.	Bypass Line	Bypass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
UFD02	61FF-15	NO		FLARE	UFFLARE02			
UFD03	61FF-15	NO		FLARE	UFFLARE02			

Loading/Unloading Operations Attributes

Form OP-UA04 (Page 1)

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter C: Loading and Unloading of Volatile Organic Compounds

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
RAX10TK1UL	R5212-2	OTHER	NONE		VOC2	UNLOAD	1.5-		



**Water Separator Attributes
Form OP-UA14 (Page 1)
Federal Operating Permit Program**

**Table 1: Title 30 Texas Administrative Code Chapter 115
(30 TAC Chapter 115) Water Separation**

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement (ACR)	ACR ID No.	Exemption	Emission Control Option	Control Device	Control Device ID No.
RBD28	R5131-1	NO		NONE	ENCL		



Water Separator Attributes
Form OP-UA14 (Page 11)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for
Benzene Waste Operations (Oil-Water Separators)

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Unit ID No.	SOP Index No.	Alternate Means of Compliance	AMOC ID No.	Alternative Standards for Oil-Water Separator	Floating Roof	Floating Roof Portion Feasibility	Fuel Gas System	Cover and Closed Vent	Closed Vent System and Control Device AMOC	CVS/CD AMOC ID No.
RBD28	61FF-9	NO		NO			NO	NO	NO	
RBD28	61FF-10	NO		NO			NO	NO	NO	
RBD28	61FF-11	NO		NO			NO	NO	NO	
RBD28	61FF-12	NO		NO			YES			
ZTD12	61FF-9	NO		NO			NO	NO	NO	



**Water Separator Attributes
Form OP-UA14 (Page 12)
Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for
Benzene Waste Operations (Oil-Water Separators)**

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Unit ID No.	SOP Index No.	By-pass Line	By-pass Line Valve	Control Device Type/ Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
RBD28	61FF-9	NO		THERM20	UFF01A UFF01B	NO	NO	
RBD28	61FF-10	NO		THERM95	UFF01A UFF01B	NO	NO	
RBD28	61FF-11	NO		FLARE	UFFFLARE02			
ZTD12	61FF-9	NO		THERM20	UFF01A UFF01B	NO	NO	

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GDVAC	R5121-3	NO	NO	CLASVOC		100-		YES
GBD02	R5121-10	NO	NO	CLASVOC				
GBD02	R5121-16	NO	NO	CLASVOC				
GCD01	R5121-16	NO	NO	CLASVOC				
RAT25	R5121-10	NO	NO	CLASVOC				
RAT25	R5121-16	NO	NO	CLASVOC				
RAT25	R5121-16A	NO	NO	CLASVOC				
RAT25	R5121-20	NO	NO	CLASVOC				
GRPANVT-1	R5121-10	NO	NO	CLASVOC				
GRPANVT-1	R5121-16	NO	NO	CLASVOC				

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GRPANVT-1	R5121-16A	NO	NO	CLASVOC				
GRPANVT-1	R5121-20	NO	NO	CLASVOC				
GRPANVT-2	R5121-3	NO	NO	CLASVOC		100-		YES

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 4)**

Federal Operating Permit Program

Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Vent Gas Control

Date: 11/19/2021	Permit No.: 04169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
GBD02	R5121-10	NONE		DIRFLM	GBX02
GBD02	R5121-16	NONE		FLARE	GFFLARE01
GCD01	R5121-16	NONE		FLARE	GFFLARE01
RAT25	R5121-10	NONE		DIRFLM	UFF01A, UFF01B
RAT25	R5121-16	NONE		FLARE	UFFLARE02
RAT25	R5121-16A	ALTED	AMOC-138		
RAT25	R5121-20	NONE		OTHER	USSG01A, USSG01B, USSG01C
GRPANVT-1	R5121-10	NONE		DIRFLM	UFF01A, UFF01B
GRPANVT-1	R5121-16	NONE		FLARE	UFFLARE02
GRPANVT-1	R5121-16A	ALTED	AMOC-138		
GRPANVT-1	R5121-20	NONE		OTHER	USSG01A, USSG01B, USSG01C

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes

Form OP-UA15 (Page 13)

Federal Operating Permit Program

Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP Index No.	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
GBD05	63G-5A 63G-2A	NONE NNN	YES				H3A1			
GBD05	63G-5B 63G-2B	NONE NNN	YES				H3A2			
GED03	63G-2A	NNN	NO YES	60NNN/63G	NCE	NCE	H3A1			
GED03	63G-2B	NNN	NO YES	60NNN/63G	NCE	NCE	H3A2			
GRPHON-PV	63G-3A	RRR	NO YES	60RRR/63G	NCE	NCE	H3A1			
GRPHON-PV	63G-3B	RRR	NO YES	60RRR/63G	NCE	NCE	H3A2			
GDVAC	63G-4A	NNN	YES							
GDVAC	63G-4B	NNN	YES							

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 13)
Federal Operating Permit Program
Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents

Date: 11/19/2021	Permit No.: 04169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP Index No.	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
GBD02	63G-5A	RRR	YES							
GBD02	63G-5B	RRR	YES							
GCD01	63G-6A	NNN	YES							

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 14)
Federal Operating Permit Program
Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP Index No.	Control Device	Control Device ID No.	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
GBD05	63G-5A 63G-2A	FLARE	GFFLARE01	NO				NO
GBD05	63G-5B 63G-2B	INCIN	GBX02	NO				NO
GED03	63G-2A	FLARE	GFFLARE01	NO				NO
GED03	63G-2B	INCIN	GBX02	NO				NO
GRPHON-PV	63G-3A	FLARE	GFFLARE01	NO				NO
GRPHON-PV	63G-3B	INCIN	GBX02	NO				NO
GDVAC	63G-4A	FLARE	GFFLARE01	NO				NO
GDVAC	63G-4B	INCIN	GBX02	NO				NO
GBD02	63G-5A	FLARE	GFFLARE01	NO				NO
GBD02	63G-5B	INCIN	GBX02	NO				NO

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 14)

Federal Operating Permit Program

Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents**

Date: 11/19/2021	Permit No.: 04169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP Index No.	Control Device	Control Device ID No.	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
GCD01	63G-6A	FLARE	GFFLARE01	NO				NO

Form OP-UA15 (Page 15)
Federal Operating Permit Program
Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart G: National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic
Organic Chemical Manufacturing Industry for Process Vents

Date: 11/19/2021	Permit No.: 04169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Emission Point ID No.	SOP Index No.	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No.	Bypass Lines	Flow Indicator
GBD05	63G-5A 63G-2A	NO		NOALT		NO YES	NO
GBD05	63G-5B 63G-2B	NO		NOALT		NO YES	NO
GED03	63G-2A	NO		NOALT		YES	YES NO
GED03	63G-2B	NO		NOALT		YES	YES NO
GRPHON-PV	63G-3A	NO		NOALT		NO YES	NO
GRPHON-PV	63G-3B	NO		NOALT		NO YES	NO
GDVAC	63G-4A	NO		NOALT		YES	YES
GDVAC	63G-4B	NO		NOALT		YES	YES
GBD02	63G-5A	NO		NOALT		NO	
GBD02	63G-5B	NO		NOALT		NO	
GCD01	63G-6A	NO		NOALT		NO	



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**Table 2a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Treatment Processes)**

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Process ID No.	SOP Index No.	AMOC	AMOC ID No.	Complying With § 61.342(e)	Stream Combination	Benzene Removal	Process or Stream Exemption	Treatment Process Engineering Calculations
PRO-RBT30	61FF-1	NO		NO	NO	10-	NO	YES
PRO-RBT30	61FF-3	NO		NO	NO	10-	NO	YES
PRO-RBT30	61FF-5	NO		NO	NO	10-	NO	YES
PRO-RBT30	61FF-7	NO		NO	NO	10-	NO	YES
PRO-RJT01	61FF-1	NO		NO	NO	10-	NO	YES



Texas Commission on Environmental Quality
Treatment Process Attributes
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Federal Operating Permit Program

**Table 2b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Treatment Processes)**

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Process ID No.	SOP Index No.	Continuous Monitoring	Treatment Stream Unit Exemption	Openings	Fuel Gas System	Less Than Atmospheric	Closed-Vent System And Control Device	AMOC	AMOC ID No.
PRO-RBT30	61FF-1	NO		NO	NO		YES	NO	
PRO-RBT30	61FF-3	NO		NO	NO		YES	NO	
PRO-RBT30	61FF-5	NO		NO	NO		YES	NO	
PRO-RBT30	61FF-7	NO		NO	YES				
PRO-RJT01	61FF-1	NO		NO	NO		YES	NO	



Texas Commission on Environmental Quality
Treatment Process Attributes
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Federal Operating Permit Program

**Table 2c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart FF: National Emission Standard for Benzene Waste Operations (Treatment Processes)**

Date: 11/19/2021	Permit No.: O4169	Regulated Entity No.: RN109753731
Area Name: Olefins, Derivative and Utilities		Customer Reference No.: CN605632439

Process ID No.	SOP Index No.	By-Pass Line	By-Pass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
PRO-RBT30	61FF-1	NO		THERM20	UFF01A UFF01B	NO	NO	
PRO-RBT30	61FF-3	NO		THERM95	UFF01A UFF01B	NO	NO	
PRO-RBT30	61FF-5	NO		FLARE	UFFFLARE02	NO	NO	
PRO-RJT01	61FF-1	NO		THERM20	UFF01A UFF01B	NO	NO	

Section 3
Applicability Identification Forms

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

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)

E. PSD Permits and PSD Major Pollutants

PSD Permit No.: PSDTX1518	Issuance Date: 5/21/2021	Pollutant(s):
PSD Permit No.: GHGPSDTX170	Issuance Date: 2/04/2021	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:
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.: 146425	Issuance Date: 11/19/2021	Authorization No.:	Issuance Date:
Authorization No.: 161763	Issuance Date: 7/9/2020	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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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.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.473	Version No./Date: 09/04/2000
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
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.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
5	GDVAC	OP-UA15	R5121-3	VOC	Chapter 115	§ 115.127(c)(1)(B) § 115.127(c)(1)
5	GDVAC	OP-UA15	63G-4A	HAPS	HON G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)
5	GDVAC	OP-UA15	63G-4B	HAPS	HON G	[G]§ 63.113(a)(2) § 63.113(h) [G]§ 63.115(f)
6	GBD02	OP-UA15	R5121-10	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)
6	GBD02	OP-UA15	R5121-16	VOC	Chapter 115	§ 115.122(c)(1) § 115.121 (c)(1) § 115.122(c)(1)(B) § 60.18
6	GBD02	OP-UA15	63G-5A	HAPS	HON G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)
6	GBD02	OP-UA15	63G-5B	HAPS	HON G	[G]§ 63.113(a)(2) § 63.113(h)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						[G]§ 63.115(f)
7	GCD01	OP-UA15	63G-6A	HAPS	HON G	[G]§ 63.113(a)(1) § 63.11 § 63.113(h) [G]§ 63.115(f)
11	RAT25	OP-UA15	R5121-10	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)
11	RAT25	OP-UA15	R5121-16	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18
11	RAT25	OP-UA15	R5121-16A	VOC	Chapter 115	§115.123(c) §115.910
11	RAT25	OP-UA15	R5121-20	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
11	RAT25	OP-UA1	63YY-BLR	HAPS	MACT YY	§ 63.1103(e)-Table 7.d.1.i. § 63.1103(e)(1)(i)(B) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.982(a)(2) § 63.982(c) § 63.982(c)(2) § 63.982(c)(3) § 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						[G]§ 63.983(d)(2) § 63.983(d)(3) § 63.988(a)(2) § 63.988(a)(3) § 63.988(b)(2)(ii)
11	RAT25	OP-UA1	63YY-FL	HAPS	MACT YY	§ 63.1103(e)-Table 7.d.1.i § 63.11(b) § 63.1103(e)(1)(i)(B) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.982(a)(2) § 63.982(b)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G] § 63.983(d)(2) § 63.983(d)(3) § 63.987(a) § 63.987(b)(1) [G] § 63.987(b)(3) § 63.997(c)(1) § 63.997(c)(1)(ii) § 63.997(c)(3)
11	RAT25	OP-UA1	63YY-FLA	HAPS	MACT YY	§ 63.1103(e)-Table 7.d.1.i § 63.1103(e)(1)(i)(B) § 63.1103(e)(3) § 63.1103(e)(4) § 63.1103(e)(4)(ii) § 63.1103(e)(4)(iii) § 63.1103(e)(4)(iv) § 63.1103(e)(4)(vii) § 63.1103(e)(4)(vii)(A) § 63.1103(e)(4)(vii)(B)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 63.1103(e)(4)(vii)(C) § 63.1103(e)(4)(vii)(D) § 63.1103(e)(4)(vii)(E) § 63.1103(e)(4)(vii)(F) § 63.1103(e)(4)(ix) § 63.1103(e)(4)(xiii) § 63.1108(a)(4)(i) § 63.1108(a)(4)(ii) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) 63.670 § 63.982(a)(2) § 63.982(b) § 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						[G]§ 63.983(d)(2) § 63.983(d)(3)
11	RAT25	OP-UA1	63YY-INC	HAPS	MACT YY	§ 63.1103(e)-Table 7.d.1.i § 63.1103(e)(1)(i)(B) § 63.1103(e)(3) § 63.1108(a)(1) § 63.1108(a)(2) § 63.1108(a)(5) § 63.1108(a)(6) § 63.1108(a)(7) [G]§ 63.1108(b)(1) [G]§ 63.1108(b)(2) § 63.1108(b)(3) [G]§ 63.1108(b)(4) § 63.1108(b)(5) § 63.1108(c) [G]§ 63.1108(d) [G]§ 63.1111(a) § 63.982(a)(2) § 63.982(c) § 63.982(c)(2) § 63.982(c)(3) § 63.983(a) § 63.983(a)(1)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 63.983(a)(2) § 63.983(d)(1) § 63.983(d)(1)(i) [G]§ 63.983(d)(2) § 63.983(d)(3) § 63.985(a) § 63.988(a)(1) § 63.988(a)(2) [G]§ 63.996(c) [G]§ 63.997(c)(1) § 63.997(c)(3) [G]§ 63.997(d)
12	EMACTUNIT	OP-UA1	63YY-XX	HAPS	MACT YY	§ 63.1103(e)-Table 7.g.1 § 63.1100(g)(6)(ii) § 63.1103(e)(1)(i)(E) § 63.1103(e)(3) § 63.1093 [G]§ 63.1094 § 63.1095(b) § 63.1095(b)(2) § 63.1095(b)(3) [G]§ 63.1096
13	RBD28	OP-UA14	R5131-1	VOC	Chapter 115	§ 115.132(c)(1)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
13	RBD28	OP-UA14	61FF-9	Benzene	NESHAP FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(A) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
13	RBD28	OP-UA14	61FF-10	Benzene	NESHAP FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(B)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1a: Additions**

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
13	RBD28	OP-UA14	61FF-11	Benzene	NESHAP FF	§ 61.347(a)(1) § 60.18 § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
13	RBD28	OP-UA14	61FF-12	Benzene	NESHAP FF	§ 61.347(a)(1) § 61.340(d) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1a: Additions**

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
13	RBD28	OP-UA1	61FF-11A	Benzene	NESHAP FF	§ 61.347(a)(1) § 63.1095(b)(3) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
14	PRO-RBT30	OP-UA58	61FF-1	Benzene	NESHAP FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.349(a)(2)(i)(B) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
14	PRO-RBT30	OP-UA58	61FF-3	Benzene	NESHAP FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(A) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
14	PRO-RBT30	OP-UA58	61FF-5	Benzene	NESHAP FF	§ 61.348(a)(1) § 60.18 § 61.348(a)(1)(i) § 61.348(a)(2)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
14	PRO-RBT30	OP-UA58	61FF-7	Benzene	NESHAP FF	§ 61.348(a)(1) § 61.340(d) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f)
14	PRO-RBT30	OP-UA1	61FF-5A	Benzene	NESHAP FF	§ 61.348(a)(1) § 63.1095(b)(3) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4)

**Applicable Requirements Summary
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Federal Operating Permit Program**

Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
15	UFD02	OP-UA3	61FF-15	Benzene	NESHAP FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 60.18 § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)

**Applicable Requirements Summary
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Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
15	UFD02	OP-UA3	61FF-16	Benzene	NESHAP FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)§ 61.349(g)
15	UFD02	OP-UA3	61FF-15A	Benzene	NESHAP FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 63.1095(b)(3) § 61.343(c) § 61.343(d) § 61.343(a)(1)(i)(B) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
16	UFD03	OP-UA3	61FF-15	Benzene	NESHAP FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c)

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Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.343(d) § 60.18 § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
16	UFD03	OP-UA3	61FF-16	Benzene	NESHAP FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)
16	UFD03	OP-UA3	61FF-15A	Benzene	NESHAP FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 63.1095(b)(3) § 61.343(c) § 61.343(d) § 61.343(a)(1)(i)(B) § 61.349(a) § 61.349(a)(1)(i)

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Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
18	GRPANVT-1	OP-UA15	R5121-10	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(A)
18	GRPANVT-1	OP-UA15	R5121-16	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(B) § 60.18
18	GRPANVT-1	OP-UA15	R5121-16A	VOC	Chapter 115	§115.123(c) §115.910
18	GRPANVT-1	OP-UA15	R5121-20	VOC	Chapter 115	§ 115.122(c)(1) § 115.121(c)(1) § 115.122(c)(1)(C)
20	GRPANVT-2	OP-UA15	R5121-3	VOC	Chapter 115	§ 115.127(c)(1)(B) § 115.127(c)(1)
21	OLDUNLOAD	OP-UA1	63EEEE-1	HAPS	MACT EEEE	§ 63.2343(a) § 63.2334(a)

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Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 63.2338(b)(2) § 63.2342(a)(2) § 63.2350(a) § 63.2350(d)
22	OLDTANK	OP-UA1	63EEEE-2	HAPS	MACT EEEE	§ 63.2343(a) § 63.2334(a) § 63.2338(b)(1) § 63.2342(a)(2) § 63.2350(a) § 63.2350(d)
23	RAX10TK1UL	OP-UA4	R5212-2	VOC	Chapter 115	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)
26	ZTD12	OP-UA14	61FF-9	Benzene	NESHAP FF	§ 61.347(a)(1) § 61.347(a)(1)(i)(A) § 61.347(a)(1)(i)(B) § 61.347(b) § 61.347(c) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii)

**Applicable Requirements Summary
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Table 1a: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
						§ 61.349(a)(1)(iv) § 61.349(a)(2)(i)(A) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)
27	PRO-RJT01	OP-UA58	61FF-1	Benzene	NESHAP FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(i)(B) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	GBD05	63G-5A 63G-2A	HAPS	§ 63.114(d)(2)	§ 63.118(a)(4)	§ 63.118(f)(4)
2	GBD05	63G-5B 63G-2B	HAPS	§ 63.114(d)(2)	§ 63.118(a)(4)	§ 63.118(f)(4)
3	GED03	63G-2A	HAPS	§ 63.114(d)(2)	§ 63.118(a)(4)	§ 63.118(f)(4)
3	GED03	63G-2B	HAPS	§ 63.114(d)(2)	§ 63.118(a)(4)	§ 63.118(f)(4)
4	GRPHON-PV	63G-3A	HAPS	§ 63.114(d)(2)	§ 63.118(a)(4)	§ 63.118(f)(4)
4	GRPHON-PV	63G-3B	HAPS	§ 63.114(d)(2)	§ 63.118(a)(4)	§ 63.118(f)(4)
5	GDVAC	R5121-3	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	---
5	GDVAC	63G-4A	HAPS	§ 63.114(a) § 63.114(a)(2) § 63.114(d)(1) [G]§ 63.115(f) [G]§ 63.116(a)	§ 63.114(d)(1) [G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(3) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						[G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
5	GDVAC	63G-4B	HAPS	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(d)(1) § 63.114(e) [G]§ 63.115(f) [G]§ 63.116(c)	§ 63.114(d)(1) § 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(a)(1) § 63.118(a)(2) § 63.118(a)(3) [G]§ 63.152(a)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i) § 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) § 63.118(f)(3) [G]§ 63.151(b)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: 04169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					[G]§ 63.152(f)	§ 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
6	GBD02	R5121-10	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---
6	GBD02	R5121-16	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
6	GBD02	63G-5A	HAPS	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
6	GBD02	63G-5B	HAPS	§ 63.114(a) § 63.114(a)(1)(i) § 63.114(e)	§ 63.114(a)(1) § 63.117(a)(4) § 63.117(a)(4)(i)	§ 63.114(e) § 63.117(a)(4) § 63.117(a)(4)(i)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				[G]§ 63.115(f) [G]§ 63.116(c)	§ 63.117(a)(4)(ii) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	§ 63.117(a)(4)(ii) § 63.117(f) § 63.118(f)(1) § 63.118(f)(2) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(3) § 63.152(c)(3)(i) § 63.152(c)(3)(ii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
7	GCD01	63G-6A	HAPS	§ 63.114(a) § 63.114(a)(2) [G]§ 63.115(f) [G]§ 63.116(a)	[G]§ 63.117(a)(5) § 63.118(a)(1) § 63.118(a)(2) [G]§ 63.152(a) [G]§ 63.152(f)	[G]§ 63.117(a)(5) § 63.117(f) § 63.118(f)(2) § 63.118(f)(5) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(2) § 63.151(e)(3) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(ii) [G]§ 63.152(c)(6)
11	RAT25	R5121-10	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
11	RAT25	R5121-16	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---
11	RAT25	R5121-16A	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---
11	RAT25	R5121-20	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---
11	RAT25	63YY-BLR	HAPS	§ 63.983(b) § 63.983(b)(1) [G]§ 63.983(b)(1)(i) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.988(b)(2)(ii)	§ 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.983(b) § 63.983(d)(2) § 63.998(a)(2)(ii)(B)(5) § 63.998(d)(1) [G]§ 63.998(d)(1)(i) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) [G]§ 63.998(d)(3) [G]§ 63.998(d)(4) § 63.998(d)(5)	[G]§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						[G]§ 63.1110(h) [G]§ 63.1111(b) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2) § 63.999(c)(2)(i)
11	RAT25	63YY-FL	HAPS	[G]§ 63.1108(b)(1) § 63.1108(b)(4) [G]§ 63.1108(b)(4)(i) [G]§ 63.1108(b)(4)(ii) § 63.983(b) § 63.983(b)(1) [G]§ 63.983(b)(1)(i) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii) § 63.987(c) § 63.997(a) § 63.997(c)(1)	§ 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.983(b) [G] § 63.983(d)(2) § 63.987(b)(1) § 63.987(c) [G] § 63.998(a)(1) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) § 63.998(d)(1) [G]§ 63.998(d)(1)(i) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) [G]§ 63.998(d)(3)	[G]§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2) § 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(7) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) [G]§ 63.1110(f) [G]§ 63.1110(g)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.997(c)(1)(ii) § 63.997(c)(2) § 63.997(c)(3)(i) § 63.997(c)(3)(ii) [G]§ 63.997(d) [G]§ 63.997(e)	[G]§ 63.998(d)(4) § 63.998(d)(5)	[G]§ 63.1110(h) [G]§ 63.1111(b) § 63.987(b)(1) § 63.998(a)(1)(iii)(A) [G]§ 63.998(b)(3) [G]§ 63.999(a)(1) [G]§ 63.999(a)(2) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(2) § 63.999(c)(2)(i) § 63.999(c)(3) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv) [G]§ 63.999(d)(1) [G]§ 63.999(d)(2)
11	RAT25	63YY-FLA	HAPS	[G]§ 63.1108(b)(1) § 63.1108(b)(4) [G]§ 63.1108(b)(4)(i) [G]§ 63.1108(b)(4)(ii) § 63.1103(e)(4)(vii) § 63.1103(e)(4)(viii)	§ 63.1109(a) § 63.1109(b) § 63.1109(c) [G]§ 63.1109(e) § 63.983(b) § 63.983(d)(2)	[G]§ 63.1100(g) § 63.1103(e)(4)(iii) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.1103(e)(4)(ix) [G] § 63.1109(e) 63.671 § 63.983(b) § 63.983(b)(1) [G]§ 63.983(b)(1)(i) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3) § 63.983(d)(1) § 63.983(d)(1)(ii)	§ 63.998(d)(1) [G]§ 63.998(d)(1)(i) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) [G]§ 63.998(d)(4) § 63.998(d)(5)	§ 63.1110(a)(4) § 63.1110(a)(5) § 63.1110(a)(6) § 63.1110(a)(8) § 63.1110(b)(1) § 63.1110(b)(2) [G]§ 63.1110(c) [G]§ 63.1110(d) [G]§ 63.1110(e) § 63.1110(e)(1) § 63.1110(e)(2) [G]§ 63.1110(e)(4)(iii) [G]§ 63.1110(f) [G]§ 63.1110(g) [G]§ 63.1110(h) [G]§ 63.1111(c) § 63.999(c)(1) § 63.999(c)(2) § 63.999(c)(2)(i)
11	RAT25	63YY-INC	HAPS	[G]§ 63.1108(b)(1) § 63.1108(b)(4) [G]§ 63.1108(b)(4)(i) [G]§ 63.1108(b)(4)(ii) § 63.983(b)	§ 63.1109(a) § 63.1109(b) § 63.1109(c) § 63.983(b) [G]§ 63.983(b)(1)	[G]§ 63.1100(g) § 63.1110(a) § 63.1110(a)(1) [G]§ 63.1110(a)(10) § 63.1110(a)(2)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 63.983(b)(1)	[G]§ 63.983(b)(2)	§ 63.1110(a)(4)
				[G]§ 63.983(b)(1)(i)	[G]§ 63.983(b)(3)	§ 63.1110(a)(5)
				[G]§ 63.983(b)(2)	[G]§ 63.983(d)(2)	§ 63.1110(a)(6)
				[G]§ 63.983(b)(3)	§ 63.988(b)(1)	§ 63.1110(a)(7)
				[G]§ 63.983(c)(1)	§ 63.996(c)(2)(ii)	§ 63.1110(a)(8)
				§ 63.983(c)(2)	§ 63.998(a)(2)(i)	§ 63.1110(b)(1)
				§ 63.983(c)(3)	§ 63.998(a)(2)(ii)(A)	§ 63.1110(b)(2)
				§ 63.983(d)(1)	§ 63.998(a)(2)(ii)(B)(1)	[G]§ 63.1110(c)
				§ 63.983(d)(1)(ii)	§ 63.998(a)(2)(ii)(B)(4)	[G]§ 63.1110(d)
				§ 63.988(b)(1)	[G]§ 63.998(b)(1)	[G]§ 63.1110(e)
				§ 63.988(c)(1)	[G]§ 63.998(b)(2)	[G]§ 63.1110(f)
				§ 63.996(b)(1)	[G]§ 63.998(b)(3)	[G]§ 63.1110(g)
				§ 63.996(b)(1)(i)	[G]§ 63.998(b)(5)	[G]§ 63.1110(h)
				§ 63.996(b)(2)	[G]§ 63.998(c)(1)	[G]§ 63.1111(b)
				§ 63.997(a)	[G]§ 63.998(c)(2)	§ 63.988(b)(1)
				§ 63.997(c)(1)	§ 63.998(d)(1)	§ 63.996(b)(2)
				§ 63.997(c)(1)(ii)	[G]§ 63.998(d)(1)(i)	§ 63.996(c)(6)
				§ 63.997(c)(2)	[G]§ 63.998(d)(1)(iii)	§ 63.997(c)(3)
				§ 63.997(c)(3)	§ 63.998(d)(1)(iv)	§ 63.998(a)(2)(ii)(A)
				§ 63.997(c)(3)(iii)	[G] § 63.998(d)(3)	[G]§ 63.998(b)(3)
				[G]§ 63.997(d)	[G]§ 63.998(d)(4)	[G]§ 63.999(a)(1)
				[G]§ 63.997(e)	§ 63.998(d)(5)	[G]§ 63.999(a)(2)
						[G]§ 63.999(b)(3)
						§ 63.999(b)(5)
						§ 63.999(c)(1)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: 04169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
						§ 63.999(c)(2) § 63.999(c)(2)(i) § 63.999(c)(6) § 63.999(c)(6)(i) § 63.999(c)(6)(iv)
12	EMACTUNIT	63YY-XX	HAPS	---	---	§ 63.1096(a) § 63.1110(c) § 63.1110(d)
13	RBD28	R5131-1	VOC	---	---	---
13	RBD28	61FF-9	Benzene	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.356(j)(4)	
13	RBD28	61FF-10	Benzene	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(a)(2)(i)(B) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
13	RBD28	61FF-11	Benzene	§ 60.18(f)(2) § 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
13	RBD28	61FF-12	Benzene	§ 61.347(a)(1)(i)(A) § 61.347(b)	§ 61.356(d) § 61.356(g)	---
13	RBD28	61FF-11A	Benzene	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) [G]§ 61.355(h)	§ 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3)	--

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: 04169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
14	PRO-RBT30	61FF-1	Benzene	§ 61.348(f) § 61.349(a)(1)(i) § 61.349(a)(2)(i)(B) § 61.349(e) § 61.349(f) § 61.354(a)(1) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)
14	PRO-RBT30	61FF-3	Benzene	§ 61.348(f) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(a)(1)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(e)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	
14	PRO-RBT30	61FF-5	Benzene	§ 60.18(f)(2) § 61.348(f) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(a)(1) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					§ 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	
14	PRO-RBT30	61FF-7	Benzene	§ 61.348(f) § 61.354(a)(1)	§ 61.356(e) § 61.356(e)(1) § 61.356(e)(2) [G]§ 61.356(i)	§ 61.357(d)(7) § 61.357(d)(7)(i)
14	PRO-RBT30	61FF-5A	Benzene	§ 61.348(f) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(a)(1) [G]§ 61.355(h)	§ 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3)	§ 61.357(d)(7) § 61.357(d)(7)(i)
15	UFD02	61FF-15	Benzene	§61.343(a)(1)(i)(A) §61.343(c) § 60.18(f)(2) § 61.349(a)(1)(i) § 61.349(e)	§ 61.354(c) § 61.354(c)(3) §61.356(d) §61.356(g) § 61.356(f)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.356(f)(1) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	
15	UFD02	61FF-16	Benzene	§61.343(a)(1)(i)(A) §61.343(c)	§61.356(d) §61.356(g)	---
15	UFD02	61FF-15A	Benzene	§61.343(a)(1)(i)(A) §61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) [G]§ 61.355(h)	§61.356(d) §61.356(g) § 61.356(f) § 61.356(f)(1) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3)	---
16	UFD03	61FF-15	Benzene	§61.343(a)(1)(i)(A) §61.343(c) § 60.18(f)(2) § 61.349(a)(1)(i)	§ 61.354(c) § 61.354(c)(3) §61.356(d) §61.356(g)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: 04169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.356(f) § 61.356(f)(1) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	
16	UFD03	61FF-16	Benzene	§61.343(a)(1)(i)(A) §61.343(c)	§61.356(d) §61.356(g)	---
16	UFD03	61FF-15A	Benzene	§61.343(a)(1)(i)(A) §61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) [G]§ 61.355(h)	§61.356(d) §61.356(g) § 61.356(f) § 61.356(f)(1) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3)	---
18	GRPANVT-1	R5121-10	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---
18	GRPANVT-1	R5121-16	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
18	GRPANVT-1	R5121-16A	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2)	---
18	GRPANVT-1	R5121-20	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	---
20	GRPANVT-2	R5121-3	VOC	[G]§ 115.125) § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	---
21	OLDUNLOAD	63EEEE-1	HAPS	---	§ 63.2343(a)	---
22	OLDTANK	63EEEE-2	HAPS	---	§ 63.2343(a)	---
23	RAX10TK1UL	R5212-2	VOC	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	---
26	ZTD12	61FF-9	Benzene	§ 61.347(a)(1)(i)(A) § 61.347(b) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(d) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A) § 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	
27	PRO-RJT01	61FF-1	Benzene	§ 61.348(f) § 61.349(a)(1)(i) § 61.349(a)(2)(i)(B) § 61.349(e) § 61.349(f) § 61.354(a)(1) § 61.354(c) § 61.354(c)(1) [G]§ 61.355(h) § 61.355(i)(1) § 61.355(i)(2) § 61.355(i)(3)(i) § 61.355(i)(3)(ii) § 61.355(i)(3)(ii)(A)	§ 61.354(c) § 61.354(c)(1) § 61.355(i)(1) § 61.355(i)(3)(ii)(A) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) [G]§ 61.356(f)(3) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(A)

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Table 1b: Additions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: 04169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
				§ 61.355(i)(3)(ii)(B) § 61.355(i)(3)(ii)(C) § 61.355(i)(3)(iii) § 61.355(i)(3)(iv) § 61.355(i)(4)	§ 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(4)	

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Table 2a: Deletions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: O4169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

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)
3	GED03	OP-UA15	63G-2A	HAPS	MACT G	§ 60.662(b)
3	GED03	OP-UA15	63G-2B	HAPS	MACT G	§ 60.662(a)
4	GRPHON-PV	OP-UA15	63G-3A	HAPS	MACT G	§ 60.702(b)
4	GRPHON-PV	OP-UA15	63G-3B	HAPS	MACT G	§ 60.702(a)

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Federal Operating Permit Program**

Table 2b: Deletions

Date: 11/19/2021	Regulated Entity No.: RN109753731	Permit No.: 04169
Company Name: Gulf Coast Growth Ventures LLC	Area Name: Olefins, Derivative and Utilities	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
3	GED03	OP-UA15	63G-2A	HAPS	§ 63.114(d)(1)	§ 63.114(d)(1) § 63.118(a)(3)	§ 63.118(f)(3)
3	GED03	OP-UA15	63G-2B	HAPS	§ 63.114(d)(1)	§ 63.114(d)(1) § 63.118(a)(3)	§ 63.118(f)(3)

Section 4
Monitoring Requirement Form

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.: SD-A013-M	RN No.: RN109753731	CN: CN605632439
Permit No.: O4169	Project No.: TBD	
Area Name: Olefins, Derivative and Utilities		
Company Name: Gulf Coast Growth Ventures LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 6, 7		
Unit/EPN/Group/Process ID No.: GBD02, GCD01		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls		
SOP/GOP Index No.: R5121-10		
Pollutant: VOC		
Main Standard: § 115.121(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FL-001		
Deviation Limit: No pilot flame		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: GFFLARE01		
Control Device Type: FLARE		

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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: SD-A013-M	RN No.: RN109753731	CN: CN605632439
Permit No.: O4169	Project No.: TBD	
Area Name: Olefins, Derivative and Utilities		
Company Name: Gulf Coast Growth Ventures LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 6		
Unit/EPN/Group/Process ID No.: GBD02		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls		
SOP/GOP Index No.: R5121-16		
Pollutant: VOC		
Main Standard: § 115.121(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: A minimum combustion temperature of 1400 F shall be maintained prior to initial stack testing. After the testing, the six-minute avg. temperature shall not be less than the respective hourly avg. maintained during the last satisfactory testing.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: GBX02		
Control Device Type: DIRFLM		

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Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: SD-A013-M	RN No.: RN109753731	CN: CN605632439
Permit No.: O4169	Project No.: TBD	
Area Name: Olefins, Derivative and Utilities		
Company Name: Gulf Coast Growth Ventures LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 11, 18		
Unit/EPN/Group/Process ID No.: RAT25, GRPANVT-1		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls		
SOP/GOP Index No.: R5121-10		
Pollutant: VOC		
Main Standard: § 115.121(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-TI-001		
Deviation Limit: A minimum combustion temperature of 1400 °F shall be maintained before establishing a minimum combustion temperature using the most recent performance test or stack testing data.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: UFF01A, UFF01B		
Control Device Type: DIRFLM		

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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: SD-A013-M	RN No.: RN109753731	CN: CN605632439
Permit No.: O4169	Project No.: TBD	
Area Name: Olefins, Derivative and Utilities		
Company Name: Gulf Coast Growth Ventures LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 11, 18		
Unit/EPN/Group/Process ID No.: RAT25, GRPANVT-1		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Controls		
SOP/GOP Index No.: R5121-16, R5121-20		
Pollutant: VOC		
Main Standard: § 115.121(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FL-001		
Deviation Limit: A deviation shall be reported if a pilot flame is not present.		
CAM/PM Option No.: CAM-SG-003		
Deviation Limit: All periods of operation that is not recorded.		
V. Control Device Information		
Control Device ID No.: UFFLARE02		
Control Device Type: FLARE		

Table 1b: CAM/PM Control Device Additions

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**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.: SD-A013-M	RN No.: RN109753731	CN: CN605632439
Permit No.: O4169	Project No.: TBD	
Area Name: Olefins, Derivative and Utilities		
Company Name: Gulf Coast Growth Ventures LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 13		
Unit/EPN/Group/Process ID No.: RBD28		
Applicable Form: OP-UA14		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Water Separation		
SOP/GOP Index No.: R5131-1		
Pollutant: VOC		
Main Standard: § 115.132(c)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-050		
Deviation Limit: Any monitoring data greater than the maximum VOC limit of 10,000 ppmv.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

**Texas Commission on Environmental Quality
Monitoring Requirements
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Federal Operating Permit Program
Table 1a: CAM/PM Additions**

I. Identifying Information		
Account No.: SD-A013-M	RN No.: RN109753731	CN: CN605632439
Permit No.: O4169	Project No.: TBD	
Area Name: Olefins, Derivative and Utilities		
Company Name: Gulf Coast Growth Ventures LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 10		
Unit/EPN/Group/Process ID No.: GRPSKIMMER		
Applicable Form: OP-UA14		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Water Separation		
SOP/GOP Index No.: R5131-2		
Pollutant: VOC		
Main Standard: § 115.132(c)(3)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-007		
Deviation Limit: A minimum catalyst bed combustion temperature of 700 F shall be maintained prior to initial stack testing. After the testing, the six-minute avg. temperature shall not be less than the respective hourly avg. maintained during the last satisfactory testing.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: ZWSRCO1A, ZWSRCO1B		
Control Device Type: CATINC		