

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO

Alcoa, Inc.

AUTHORIZING THE OPERATION OF
Rockdale Operations, Energy
Primary Aluminum

LOCATED AT

Milam County, Texas

LATITUDE 30° 33' 52" LONGITUDE 97° 4' 0"

Regulated Entity Number: RN100221472

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

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

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

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

Permit No: O1510
Issuance Date: _____

Glenn Shankle
Executive Director

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GENERAL TERMS AND CONDITIONS

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

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

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

All reports required by this permit shall be forwarded to the TCEQ Regional Office for your site. For reports submitted, please include a cover letter which identifies the following information: company name, TCEQ regulated entity number, site name, area name (if applicable), and Air Permits Division permit number.

SPECIAL TERMS AND CONDITIONS:

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

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the

referenced citation as applicable requirements.

- D. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
 - (i) The General Provisions of 30 TAC § 101.372;
 - (ii) Discrete Emission Reduction Credit Generation and Certification under 30 TAC § 101.373;
 - (iii) Mobile Discrete Emission Reduction Credit Generation and Certification under 30 TAC § 101.374;
 - (iv) Discrete Emission Credit Banking and Trading under 30 TAC § 101.378; and
 - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit.
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Rules):
 - A. Definitions of 30 TAC § 101.1, insofar as the terms defined in this section are used to define the terms used in other applicable requirements;
 - B. Circumvention under 30 TAC § 101.3;
 - C. Sampling under 30 TAC § 101.8, if such action has been requested by the TCEQ;
 - D. Sampling Ports under 30 TAC § 101.9, if such action has been requested by the TCEQ;
 - E. Emissions Inventory Requirements of 30 TAC § 101.10;
 - F. Emission Event Reporting and Recordkeeping Requirements of 30 TAC § 101.201;
 - G. Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements of 30 TAC § 101.211;
 - H. Operational Requirements of 30 TAC § 101.221;

- I. Demonstrations under 30 TAC § 101.222; and
 - J. Actions to Reduce Excessive Emissions under 30 TAC § 101.223.
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. For stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed on or before January 31, 1972, the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 111.111(a)(1)(A) (relating to Requirements for Specified Sources);
 - (ii) Title 30 TAC § 111.111(a)(1)(E);
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv); and
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(A), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that do not emit visible emissions such as vents that emit only VOC or vents that provide passive ventilation, such as plumbing vents; or vents that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(A) and Compliance Assurance Monitoring, as specified in the attached Applicable Requirements Summary and "Additional Monitoring Requirements."
 - 1. An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - 2. For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter.

Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

3. Records of all observations shall be maintained.
4. Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
5. Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an

opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972, the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources);
 - (ii) Title 30 TAC § 111.111(a)(1)(E);
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv); and
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that do not emit visible emissions such as vents that emit only VOC or vents that provide passive ventilation, such as plumbing vents; or vents that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) and Compliance Assurance Monitoring, as specified in the attached "Applicable Requirements Summary" and "Additional Monitoring Requirements."
- 1. An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for

the entire quarter.

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

30 TAC § 111.111(a)(1) and (a)(1)(B).

- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

C. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources);
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii); and
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - 1. An observation of visible emissions from a building containing an air emission source, enclosed facility, or other

structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

2. Records of all observations shall be maintained.
3. Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
4. Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) to determine if the source is in compliance with the opacity requirements. If an

opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- D. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:
- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources);
 - (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii); and
 - (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - 1. An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - 2. Records of all observations shall be maintained.
 - 3. Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed

water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

4. Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- E. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- F. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- G. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following

requirements:

- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits);
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b); and
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c).
- H. Permit holder shall comply with the following requirements for steam generators:
 - (i) Emissions from any solid fuel-fired steam generator may not exceed 0.3 pound of TSP per MMBtu of heat input, averaged over a two-hour period, as required in 30 TAC § 111.153(b) (relating to Emissions Limits for Steam Generators).
- I. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training);
 - (ii) Title 30 TAC § 111.209 (relating to Exception for Disposal Fires);
 - (iii) Title 30 TAC § 111.211 (relating to Exception for Prescribed Burn);
 - (iv) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning); and
 - (v) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning).
- 4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
 - A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 125,000 gallons of gasoline in any calendar month after January 1, 1999, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

- (i) Title 30 TAC § 115.222(7) (relating to Control Requirements);
 - (ii) Title 30 TAC § 115.222(3) (as it applies to Liquid Gasoline Leaks);
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements as it applies to liquid gasoline leaks); and
 - (iv) Title 30 TAC § 115.226(2)(C) (relating to Recordkeeping Requirements).
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping);
 - B. Title 40 CFR § 60.8 (relating to Performance Tests);
 - C. Title 40 CFR § 60.9 (relating to Availability of Information);
 - D. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements);
 - E. Title 40 CFR § 60.12 (relating to Circumvention);
 - F. Title 40 CFR § 60.13 (relating to Monitoring Requirements);
 - G. Title 40 CFR § 60.14 (relating to Modification);
 - H. Title 40 CFR § 60.15 (relating to Reconstruction); and
 - I. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements).
- 6. For the nonmetallic mineral processing operations specified in 40 CFR Part 60, Subpart OOO, the permit holder shall comply with the following requirements:
 - A. Title 40 CFR § 60.670(f) (relating to Table 1 for Subpart A);
 - B. Title 40 CFR § 60.673(a) - (b) (relating to "Fixed Capital Cost"); and
 - C. Title 40 CFR § 60.676(h) (relating to Notification of Initial Start-up).
- 7. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 63 for Source Categories, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 63.4 (relating to Prohibited Activities and Circumvention);
- B. Title 40 CFR § 63.5 (relating to Construction and Reconstruction);
- C. Title 40 CFR § 63.6 (relating to Compliance with Standards and Maintenance Requirements);
- D. Title 40 CFR § 63.7 (relating to Performance Testing Requirements);
- E. Title 40 CFR § 63.8 (relating to Monitoring Requirements);
- F. Title 40 CFR § 63.9 (relating to Notification Requirements);
- G. Title 40 CFR § 63.10 (relating to Recordkeeping and Reporting Requirements); and
- H. Title 40 CFR § 63.15 (relating to Availability of Information and Confidentiality).

Additional Monitoring Requirements

- 8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Additional Monitoring Requirements" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the owner or operator shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the Periodic Monitoring Summary, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations.

New Source Review Authorization Requirements

- 9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction

Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

- A. Are incorporated by reference into this permit as applicable requirements;
 - B. Shall be located with this operating permit; and
 - C. Are not eligible for a permit shield.
10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
11. The permit holder shall comply with the following requirements of Air Quality Standard Permits:
- A. Registration requirements listed in 30 TAC § 116.611;
 - B. General Conditions listed in 30 TAC § 116.615; and
 - C. Applicable requirements of 30 TAC § 116.617 for Pollution Control Projects based on the information contained in the registration application.

Compliance Requirements

12. The permit holder shall certify compliance with all permit terms and conditions using, at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
13. The permit holder shall adhere to the provisions in the Compliance Schedule attachment of this permit and submit certified progress reports consistent with 30 TAC § 122.132(e)(4)(C). Those emission units listed in the Compliance Schedule attachment shall adhere with the requirements in the Compliance Schedule attachment until operating fully in compliance with the applicable requirements.
14. Use of Discrete Emission Credits to Comply with Applicable Requirements:

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

Protection of Stratospheric Ozone

- 15. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in

accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

- C. The permit holder shall comply with the following 40 CFR Part 82, Subpart E requirements for labeling products using ozone-depleting substances:
- (i) Title 40 CFR § 82.100 (relating to Purpose);
 - (ii) Title 40 CFR § 82.102 (a) (1) - (3), (b), (c) (relating to Applicability);
 - (iii) Title 40 CFR § 82.104 (relating to Definitions);
 - (iv) Title 40 CFR §§ 82.106 - 112 (relating to Warning Statements and Labels);
 - (v) Title 40 CFR § 82.114 (relating to Labeling Containers of Controlled [Ozone-Depleting] Substances);
 - (vi) Title 40 CFR § 82.116 (relating to Incorporation of Products Manufactured with Controlled [Ozone-Depleting] Substances);
 - (vii) Title 40 CFR § 82.120 (relating to Petitions);
 - (viii) Title 40 CFR § 82.122 (relating Certification, Recordkeeping, and Notice Requirements); and
 - (ix) Title 40 CFR § 82.124 (relating to Prohibitions).
- D. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR §§ 82.250 - 82.270 and the applicable Part 82 Appendices.

Permit Location

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

Permit Shield (30 TAC § 122.148)

17. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable

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

ATTACHMENTS

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

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Compliance Schedule

APPLICABLE REQUIREMENTS SUMMARY

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

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
P17-1	BOILERS/STEAM GENERATORS/ STEAM GENERATING UNITS	N/A	R1128	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = SOLID FOSSIL FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR AND LESS THAN OR TO EQUAL 1500 MMBTU/HOUR ['REG II FUEL TYPE' = "SLD" OR "SLD-HJ"], CONTROL EQUIPMENT = UNIT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17-1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1129	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = LIQUID FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR ['REG II FUEL TYPE' = "LQD", "LQD+3", OR "LQD-3", CONTROL EQUIPMENT = UNIT NOT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17-2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1128	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = SOLID FOSSIL FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR AND LESS THAN OR TO EQUAL 1500 MMBTU/HOUR ['REG II FUEL TYPE' = "SLD" OR "SLD-HJ"], CONTROL EQUIPMENT = UNIT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17-2	BOILERS/STEAM	N/A	R1129	30 TAC Chapter 112,	FUEL TYPE = LIQUID FUEL (OTHER

	GENERATORS/STEAM GENERATING UNITS			Sulfur Compounds	THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR ['REG II FUEL TYPE' = "LQD", "LQD+3", OR "LQD-3", CONTROL EQUIPMENT = UNIT NOT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17-3	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1128	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = SOLID FOSSIL FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR AND LESS THAN OR TO EQUAL 1500 MMBTU/HOUR ['REG II FUEL TYPE' = "SLD" OR "SLD-HJ"]
P17-3	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1129	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = LIQUID FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR ['REG II FUEL TYPE' = "LQD", "LQD+3", OR "LQD-3"
P17CFB1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1128	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = SOLID FOSSIL FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 1500 MMBTU/HOUR ['REG II FUEL TYPE' = "SLD" OR "SLD-HJ"], CONTROL EQUIPMENT = UNIT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17CFB1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1129	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = LIQUID FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250

					MMBTU/HOUR ['REG II FUEL TYPE' = "LQD", "LQD+3", OR "LQD-3", CONTROL EQUIPMENT = UNIT NOT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17CFB1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DA-1	40 CFR Part 60, Subpart Da	No changing attributes.
P17CFB1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DA-2	40 CFR Part 60, Subpart Da	No changing attributes.
P17CFB2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1128	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = SOLID FOSSIL FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 1500 MMBTU/HOUR ['REG II FUEL TYPE' = "SLD" OR "SLD-HJ"], CONTROL EQUIPMENT = UNIT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17CFB2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	R1129	30 TAC Chapter 112, Sulfur Compounds	FUEL TYPE = LIQUID FUEL (OTHER THAN HARRIS OR JEFFERSON COUNTY, HEAT INPUT = DESIGN HEAT INPUT GREATER THAN 250 MMBTU/HOUR ['REG II FUEL TYPE' = "LQD", "LQD+3", OR "LQD-3", CONTROL EQUIPMENT = UNIT NOT EQUIPPED WITH SO2 CONTROL EQUIPMENT
P17CFB2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DA-1	40 CFR Part 60, Subpart Da	No changing attributes.

P17CFB2	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DA-2	40 CFR Part 60, Subpart Da	No changing attributes.
ANAL-1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-2A	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-2B	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-2C	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL-12T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-3	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-3T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-4E	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-4W	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL1-5	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL2-5	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL-RC1E	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL-RC1W	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL-RC2E	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
BL-RC2W	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.

	PLANTS			Y	
CC-CONV	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
CESC	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
F16B1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
F16B5	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
L-1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
L-1A	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
L-1T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
L-2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
L-3	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
LS1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
LS2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVB1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVB2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVC1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVC2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVD1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVD2	COAL PREPARATION	N/A	60Y	40 CFR Part 60, Subpart	No changing attributes.

	PLANTS			Y	
P22CNVE1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CNVE2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CTPD1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22CTPD2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS10	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS3	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS4	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS5	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS6	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS7	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS8	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
P22FDS9	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
PURGE	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
PURGE-C	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
PURGE-T	COAL PREPARATION	N/A	60Y	40 CFR Part 60, Subpart	No changing attributes.

	PLANTS			Y	
SC-CONV	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCCONVT	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-10	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-10T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-2	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-2T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-3	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-3T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-4	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-4T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-5	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-5T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-6	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-6T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-7	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-7T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-8	COAL PREPARATION	N/A	60Y	40 CFR Part 60, Subpart	No changing attributes.

	PLANTS			Y	
SCONV-8T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-9	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
SCONV-9T	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
TOCONV-1	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
TOCONV-BD	COAL PREPARATION PLANTS	N/A	60Y	40 CFR Part 60, Subpart Y	No changing attributes.
16F10	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
17A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-COAL	30 TAC Chapter 111, Visible Emissions	VENT SOURCE = THE SOURCE OF THE VENT IS A STEAM GENERATOR FIRED BY SOLID FOSSIL FUEL
17A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-DIES	30 TAC Chapter 111, Visible Emissions	VENT SOURCE = THE SOURCE OF THE VENT IS A STEAM GENERATOR BURNING OIL OR A MIXTURE OF OIL AND GAS
17B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-COAL	30 TAC Chapter 111, Visible Emissions	VENT SOURCE = THE SOURCE OF THE VENT IS A STEAM GENERATOR FIRED BY SOLID FOSSIL FUEL
17B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-DIES	30 TAC Chapter 111, Visible Emissions	VENT SOURCE = THE SOURCE OF THE VENT IS A STEAM GENERATOR BURNING OIL OR A MIXTURE OF OIL AND GAS
17CFB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	VENT SOURCE = THE SOURCE OF THE VENT IS A STEAM GENERATOR FIRED BY SOLID FOSSIL FUEL

17CFB	EMISSION POINTS/STATIONAR Y VENTS/PROCESS VENTS	N/A	R1111- DIES	30 TAC Chapter 111, Visible Emissions	VENT SOURCE = THE SOURCE OF THE VENT IS A STEAM GENERATOR BURNING OIL OR A MIXTURE OF OIL AND GAS
P21CNVLS	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21DB1	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21DB2	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21FB	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21IDM1	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21IDM2	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21IS	NON-METALLIC MINERAL PROCESSING PLANTS	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.
P21TFB	NON-METALLIC MINERAL PROCESSING	N/A	60000	40 CFR Part 60, Subpart OOO	No changing attributes.

	PLANTS				
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Applicable Requirements Summary

Unit/Group/Processes		SOP Index No.	Pollutant	Emission Limitation/Standard or Equipment Specification		Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ID No.	Type			Name	Citation				
P17-1	EU	R1128	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.8(b)	No person may cause, suffer, allow, or permit emissions of SO2 from Milam County solid fossil fuel-fired steam generators, operated prior to Jan. 1, 1955, >4.0 lb/MMBtu heat input averaged over 3-hrs.	§ 112.2(a) § 112.8(c)	§ 112.2(c)	§ 112.2(b)
P17-1	EU	R1129	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
P17-2	EU	R1128	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.8(b)	No person may cause, suffer, allow, or permit emissions of SO2 from Milam County solid fossil fuel-fired steam generators, operated prior to Jan. 1, 1955, >4.0 lb/MMBtu heat input averaged over 3-hrs.	§ 112.2(a) § 112.8(c)	§ 112.2(c)	§ 112.2(b)
P17-2	EU	R1129	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
P17-3	EU	R1128	SO2	30 TAC Chapter 112,	§ 112.8(b)	No person may cause,	§ 112.2(a)	§ 112.2(c)	§ 112.2(b)

				Sulfur Compounds		suffer, allow, or permit emissions of SO ₂ from Milam County solid fossil fuel-fired steam generators, operated prior to Jan. 1, 1955, >4.0 lb/MMBtu heat input averaged over 3-hrs.	§ 112.8(c)		
P17-3	EU	R1129	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
P17CFB1	EU	R1128	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.8(a)	Except as in §112.8(b), no person may cause, suffer, allow, or permit emissions of SO ₂ from solid fossil fuel-fired steam generators to exceed 3.0 lb/MMBtu heat input averaged over a 3-hour period.	§ 112.2(a) § 112.8(d)	§ 112.2(c)	§ 112.2(b)
P17CFB1	EU	R1129	SO ₂	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO ₂ from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
P17CFB1	EU	60DA-1	PM	40 CFR Part 60, Subpart Da	§ 60.42a(a)(1) § 60.42a(a)(2) § 60.46a(a) § 60.46a(c)	On/after §60.8 test, no gases shall be discharged into the atmosphere containing particulate matter in excess of 13 ng/J (0.03 lb/MMBtu) heat input from combustion of solid, liquid, or gaseous fuel.	§ 60.47a(g) § 60.48a(a) § 60.48a(b) § 60.48a(b)(1) [G]§ 60.48a(b)(2) [G]§ 60.48a(e)	None	§ 60.49a(a) § 60.49a(i) § 60.49a(j)
P17CFB1	EU	60DA-1	PM (OPACITY)	40 CFR Part 60, Subpart Da	§ 60.42a(b) § 60.46a(c)	On/after §60.8 test, no gases discharged shall	§ 60.47a(a) § 60.47a(f)	§ 60.47a(a)	§ 60.49a(a) § 60.49a(f)

						exhibit opacity greater than 20% (6-minute average), except for one 6-minute per hour period of not more than 27% opacity.	§ 60.47a(i) § 60.47a(i)(3) § 60.47a(i)(4) § 60.48a(a) § 60.48a(b) § 60.48a(b)(3)		[G]§ 60.49a(g) § 60.49a(h) § 60.49a(i) § 60.49a(j)
P17CFB1	EU	60DA-1	NOX	40 CFR Part 60, Subpart Da	§ 60.44a(d)(1) § 60.46a(c)	New sources commencing construction after July 9, 1997 shall not emit nitrogen oxides (expressed as NO2) in excess of 200 ng/J (1.6 lb/MW-hr) gross energy output, based on a 30-day rolling average.	§ 60.46a(e) § 60.46a(f) § 60.46a(h) § 60.46a(i)(1) § 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(2) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(3) § 60.47a(i)(4) § 60.47a(j)(2) § 60.47a(j)(3) § 60.47a(j)(4) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(k)(3) § 60.47a(l) § 60.48a(a) [G]§ 60.48a(d)	§ 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(l)	§ 60.47a(c)(2) § 60.49a(a) § 60.49a(b) § 60.49a(b)(1) § 60.49a(b)(2) § 60.49a(b)(4) § 60.49a(b)(5) § 60.49a(b)(6) § 60.49a(b)(7) § 60.49a(b)(8) § 60.49a(b)(9) [G]§ 60.49a(c) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i) § 60.49a(j)
P17CFB1	EU	60DA-1	SO2	40 CFR Part 60, Subpart Da	§ 60.43a(a)(2) § 60.43a(g) § 60.46a(c)	On/after the §60.8 test, no gases shall be discharged into the atmosphere containing SO2 in excess of 30% of the potential combustion concentration, when emissions are <260 ng/J heat input.	§ 60.46a(e) § 60.46a(f) § 60.46a(g) § 60.46a(h) § 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(1)	§ 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e)	§ 60.49a(a) [G]§ 60.49a(b) [G]§ 60.49a(c) [G]§ 60.49a(d) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i) § 60.49a(j)

							§ 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(5) § 60.47a(j)(1) § 60.47a(j)(3) § 60.47a(j)(4) § 60.48a(a) [G]§ 60.48a(c)		
P17CFB1	EU	60DA-2	PM	40 CFR Part 60, Subpart Da	§ 60.42a(a)(1) § 60.42a(a)(2) § 60.42a(a)(3) § 60.46a(a) § 60.46a(c)	On/after §60.8 test, no gases shall be discharged into the atmosphere containing particulate matter in excess of 13 ng/J (0.03 lb/MMBtu) heat input from combustion of solid, liquid, or gaseous fuel.	§ 60.47a(g) § 60.48a(a) § 60.48a(b) § 60.48a(b)(1) [G]§ 60.48a(b)(2) [G]§ 60.48a(e)	None	§ 60.49a(a) § 60.49a(i) § 60.49a(j)
P17CFB1	EU	60DA-2	PM (OPACITY)	40 CFR Part 60, Subpart Da	§ 60.42a(b) § 60.46a(c)	On/after §60.8 test, no gases discharged shall exhibit opacity greater than 20% (6-minute average), except for one 6-minute per hour period of not more than 27% opacity.	§ 60.47a(a) § 60.47a(f) § 60.47a(i) § 60.47a(i)(3) § 60.47a(i)(4) § 60.48a(a) § 60.48a(b) § 60.48a(b)(3)	§ 60.47a(a)	§ 60.49a(a) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(h) § 60.49a(i) § 60.49a(j)
P17CFB1	EU	60DA-2	NOX	40 CFR Part 60, Subpart Da	§ 60.44a(d)(1) § 60.46a(c)	New sources commencing construction after July 9, 1997 shall not emit nitrogen oxides (expressed as NO2) in excess of 200 ng/J (1.6 lb/MW-hr) gross energy output, based on a 30-day rolling average.	§ 60.46a(e) § 60.46a(f) § 60.46a(h) § 60.46a(i)(1) § 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(2) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(3) § 60.47a(i)(4) § 60.47a(j)(2) § 60.47a(j)(3) § 60.47a(j)(4)	§ 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(l)	§ 60.47a(c)(2) § 60.49a(a) § 60.49a(b) § 60.49a(b)(1) § 60.49a(b)(2) § 60.49a(b)(4) § 60.49a(b)(5) § 60.49a(b)(6) § 60.49a(b)(7) § 60.49a(b)(8) § 60.49a(b)(9) [G]§ 60.49a(c) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i) § 60.49a(j)

							§ 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(k)(3) § 60.47a(l) § 60.48a(a) [G]§ 60.48a(d)		
P17CFB1	EU	60DA-2	SO2	40 CFR Part 60, Subpart Da	§ 60.43a(h)(2) § 60.43a(g) § 60.46a(c)	If emissions of SO2 to the atmosphere are equal to or less than 260 ng/J (0.60 lb/MMBtu) heat input, emission limits are determined using the specified equation.	§ 60.46a(e) § 60.46a(f) § 60.46a(g) § 60.46a(h) § 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(1) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(5) § 60.47a(j)(1) § 60.47a(j)(3) § 60.47a(j)(4) § 60.48a(a) [G]§ 60.48a(c)	§ 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e)	§ 60.49a(a) [G]§ 60.49a(b) [G]§ 60.49a(c) [G]§ 60.49a(d) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i) § 60.49a(j)
P17CFB2	EU	R1128	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.8(a)	Except as in §112.8(b), no person may cause, suffer, allow, or permit emissions of SO2 from solid fossil fuel-fired steam generators to exceed 3.0 lb/MMBtu heat input averaged over a 3-hour period.	§ 112.2(a) § 112.8(d)	§ 112.2(c)	§ 112.2(b)
P17CFB2	EU	R1129	SO2	30 TAC Chapter 112, Sulfur Compounds	§ 112.9(a)	No person may cause, suffer, allow, or permit emissions of SO2 from any liquid fuel-fired steam generator, furnace, or heater to exceed 440 ppmv at actual stack conditions and averaged over 3-hours.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
P17CFB2	EU	60DA-1	PM	40 CFR Part 60,	§ 60.42a(a)(1)	On/after §60.8 test, no	§ 60.47a(g)	None	§ 60.49a(a)

				Subpart Da	§ 60.42a(a)(2) § 60.46a(a) § 60.46a(c)	gases shall be discharged into the atmosphere containing particulate matter in excess of 13 ng/J (0.03 lb/MMBtu) heat input from combustion of solid, liquid, or gaseous fuel.	§ 60.48a(a) § 60.48a(b) § 60.48a(b)(1) [G]§ 60.48a(b)(2) [G]§ 60.48a(e)		§ 60.49a(i) § 60.49a(j)
P17CFB2	EU	60DA-1	PM (OPACITY)	40 CFR Part 60, Subpart Da	§ 60.42a(b) § 60.46a(c)	On/after §60.8 test, no gases discharged shall exhibit opacity greater than 20% (6-minute average), except for one 6-minute per hour period of not more than 27% opacity.	§ 60.47a(a) § 60.47a(f) § 60.47a(i) § 60.47a(i)(3) § 60.47a(i)(4) § 60.48a(a) § 60.48a(b) § 60.48a(b)(3)	§ 60.47a(a)	§ 60.49a(a) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(h) § 60.49a(i) § 60.49a(j)
P17CFB2	EU	60DA-1	NOX	40 CFR Part 60, Subpart Da	§ 60.44a(d)(1) § 60.46a(c)	New sources commencing construction after July 9, 1997 shall not emit nitrogen oxides (expressed as NO2) in excess of 200 ng/J (1.6 lb/MW-hr) gross energy output, based on a 30-day rolling average.	§ 60.46a(e) § 60.46a(f) § 60.46a(h) § 60.46a(i)(1) § 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(2) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(3) § 60.47a(i)(4) § 60.47a(j)(2) § 60.47a(j)(3) § 60.47a(j)(4) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(k)(3) § 60.47a(l) § 60.48a(a) [G]§ 60.48a(d)	§ 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(l)	§ 60.47a(c)(2) § 60.49a(a) § 60.49a(b) § 60.49a(b)(1) § 60.49a(b)(2) § 60.49a(b)(4) § 60.49a(b)(5) § 60.49a(b)(6) § 60.49a(b)(7) § 60.49a(b)(8) § 60.49a(b)(9) [G]§ 60.49a(c) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i) § 60.49a(j)
P17CFB2	EU	60DA-1	SO2	40 CFR Part 60, Subpart Da	§ 60.43a(a)(2) § 60.43a(g) § 60.46a(c)	On/after the §60.8 test, no gases shall be discharged into the atmosphere containing SO2 in excess of 30% of the potential combustion	§ 60.46a(e) § 60.46a(f) § 60.46a(g) § 60.46a(h) § 60.47a(b) § 60.47a(b)(1)	§ 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e)	§ 60.49a(a) [G]§ 60.49a(b) [G]§ 60.49a(c) [G]§ 60.49a(d) § 60.49a(f) [G]§ 60.49a(g)

						concentration, when emissions are <260 ng/J heat input.	§ 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(1) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(5) § 60.47a(j)(1) § 60.47a(j)(3) § 60.47a(j)(4) § 60.48a(a) [G]§ 60.48a(c)		§ 60.49a(i) § 60.49a(j)
P17CFB2	EU	60DA-2	PM	40 CFR Part 60, Subpart Da	§ 60.42a(a)(1) § 60.42a(a)(2) § 60.42a(a)(3) § 60.46a(a) § 60.46a(c)	On/after §60.8 test, no gases shall be discharged into the atmosphere containing particulate matter in excess of 13 ng/J (0.03 lb/MMBtu) heat input from combustion of solid, liquid, or gaseous fuel.	§ 60.47a(g) § 60.48a(a) § 60.48a(b) § 60.48a(b)(1) [G]§ 60.48a(b)(2) [G]§ 60.48a(e)	None	§ 60.49a(a) § 60.49a(i) § 60.49a(j)
P17CFB2	EU	60DA-2	PM (OPACITY)	40 CFR Part 60, Subpart Da	§ 60.42a(b) § 60.46a(c)	On/after §60.8 test, no gases discharged shall exhibit opacity greater than 20% (6-minute average), except for one 6-minute per hour period of not more than 27% opacity.	§ 60.47a(a) § 60.47a(f) § 60.47a(i) § 60.47a(i)(3) § 60.47a(i)(4) § 60.48a(a) § 60.48a(b) § 60.48a(b)(3)	§ 60.47a(a)	§ 60.49a(a) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(h) § 60.49a(i) § 60.49a(j)
P17CFB2	EU	60DA-2	NOX	40 CFR Part 60, Subpart Da	§ 60.44a(d)(1) § 60.46a(c)	New sources commencing construction after July 9, 1997 shall not emit nitrogen oxides (expressed as NO2) in excess of 200 ng/J (1.6 lb/MW-hr) gross energy output, based on a 30-day rolling average.	§ 60.46a(e) § 60.46a(f) § 60.46a(h) § 60.46a(i)(1) § 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(2) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1)	§ 60.47a(c)(2) § 60.47a(d) § 60.47a(e) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(l)	§ 60.47a(c)(2) § 60.49a(a) § 60.49a(b) § 60.49a(b)(1) § 60.49a(b)(2) § 60.49a(b)(4) § 60.49a(b)(5) § 60.49a(b)(6) § 60.49a(b)(7) § 60.49a(b)(8) § 60.49a(b)(9) [G]§ 60.49a(c) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i)

							§ 60.47a(i)(2) § 60.47a(i)(3) § 60.47a(i)(4) § 60.47a(j)(2) § 60.47a(j)(3) § 60.47a(j)(4) § 60.47a(k)(1) § 60.47a(k)(2) § 60.47a(k)(3) § 60.47a(l) § 60.48a(a) [G]§ 60.48a(d)		§ 60.49a(j)
P17CFB2	EU	60DA-2	SO2	40 CFR Part 60, Subpart Da	§ 60.43a(h)(2) § 60.43a(g) § 60.46a(c)	If emissions of SO2 to the atmosphere are equal to or less than 260 ng/J (0.60 lb/MMBtu) heat input, emission limits are determined using the specified equation.	§ 60.46a(e) § 60.46a(f) § 60.46a(g) § 60.46a(h) § 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e) § 60.47a(f) § 60.47a(g) § 60.47a(h) § 60.47a(h)(1) § 60.47a(h)(3) § 60.47a(h)(4) § 60.47a(i) § 60.47a(i)(1) § 60.47a(i)(2) § 60.47a(i)(5) § 60.47a(j)(1) § 60.47a(j)(3) § 60.47a(j)(4) § 60.48a(a) [G]§ 60.48a(c)	§ 60.47a(b) § 60.47a(b)(1) § 60.47a(d) § 60.47a(e)	§ 60.49a(a) [G]§ 60.49a(b) [G]§ 60.49a(c) [G]§ 60.49a(d) § 60.49a(f) [G]§ 60.49a(g) § 60.49a(i) § 60.49a(j)
ANAL-1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.			
BL1-2A	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-2B	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-2C	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL-12T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-3	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the	§ 60.254(a) § 60.254(b)(2) ** See Periodic	None	None

						atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	Monitoring Summary		
BL1-3T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-4E	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-4W	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL1-5	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL2-5	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be	§ 60.254(a) § 60.254(b)(2)	None	None

						discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	** See Periodic Monitoring Summary		
BL-RC1E	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL-RC1W	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL-RC2E	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
BL-RC2W	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
CC-CONV	EU	60Y	PM	40 CFR Part 60,	§ 60.252(c)	Gases, which exhibit 20	§ 60.254(a)	None	None

			(OPACITY)	Subpart Y		% opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(b)(2) ** See Periodic Monitoring Summary		
CESC	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
F16B1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
F16B5	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
L-1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

L-1A	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
L-1T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
L-2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
L-3	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
LS1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						processing coal.			
LS2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVB1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVB2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVC1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVC2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						transfer/loading system processing coal.			
P22CNVD1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVD2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVE1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CNVE2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22CTPD1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						system, or coal transfer/loading system processing coal.			
P22CTPD2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS10	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS3	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						equipment, coal storage system, or coal transfer/loading system processing coal.			
P22FDS4	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS5	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS6	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS7	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
P22FDS8	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.			
P22FDS9	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
PURGE	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
PURGE-C	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
PURGE-T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SC-CONV	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

						coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.			
SCCONVT	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-10	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-10T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-2	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-2T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the	§ 60.254(a) § 60.254(b)(2) ** See Periodic	None	None

						atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	Monitoring Summary		
SCONV-3	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-3T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-4	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-4T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-5	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be	§ 60.254(a) § 60.254(b)(2)	None	None

						discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	** See Periodic Monitoring Summary		
SCONV-5T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-6	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-6T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-7	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-7T	EU	60Y	PM	40 CFR Part 60,	§ 60.252(c)	Gases, which exhibit 20	§ 60.254(a)	None	None

			(OPACITY)	Subpart Y		% opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(b)(2) ** See Periodic Monitoring Summary		
SCONV-8	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-8T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-9	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
SCONV-9T	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None

TOCONV-1	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
TOCONV-BD	EU	60Y	PM (OPACITY)	40 CFR Part 60, Subpart Y	§ 60.252(c)	Gases, which exhibit 20 % opacity, shall not be discharged into the atmosphere from any coal processing/conveying equipment, coal storage system, or coal transfer/loading system processing coal.	§ 60.254(a) § 60.254(b)(2) ** See Periodic Monitoring Summary	None	None
16F10	EP	R1111	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E) § 111.111(a)(3)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F)	None	None
17A	EP	R1111-COAL	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) § 111.111(a)(2)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
17A	EP	R1111-DIES	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
17B	EP	R1111-COAL	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) § 111.111(a)(2)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None

17B	EP	R1111-DIES	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
17CFB	EP	R1111	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E) § 111.111(a)(2)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F) § 111.111(a)(2)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
17CFB	EP	R1111-DIES	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
P21CNVLS	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart 000	§ 60.672(b)	On/after 60 days after achieving the maximum production rate, but not later than 180 days, no specified facility shall discharge fugitives with >10% opacity, except as provided in §60.672(c)-(e).	§ 60.675(a) [G]§ 60.675(c)(1) [G]§ 60.675(c)(3) § 60.675(g) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.676(f) [G]§ 60.676(i)
P21DB1	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart 000	§ 60.672(f)	On/after 60 days after achieving the maximum production rate, but not later than 180 days, no owner/operator shall discharge from any baghouse emissions which exhibit >7% opacity.	§ 60.675(a) § 60.675(c)(2) ** See Periodic Monitoring Summary	None	§ 60.676(f)
P21DB2	EU	60000	PM	40 CFR Part 60,	§ 60.672(f)	On/after 60 days after	§ 60.675(a)	None	§ 60.676(f)

			(OPACITY)	Subpart 000		achieving the maximum production rate, but not later than 180 days, no owner/operator shall discharge from any baghouse emissions which exhibit >7% opacity.	§ 60.675(c)(2) ** See Periodic Monitoring Summary		
P21FB	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart 000	§ 60.672(f)	On/after 60 days after achieving the maximum production rate, but not later than 180 days, no owner/operator shall discharge from any baghouse emissions which exhibit >7% opacity.	§ 60.675(a) § 60.675(c)(2) ** See Periodic Monitoring Summary	None	§ 60.676(f)
P21IDM1	EU	60000	PM	40 CFR Part 60, Subpart 000	§ 60.672(a)(1)	On/after the date of the test required by §60.8, no owner/operator shall cause a discharge of any stack emissions which: Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf).	§ 60.675(a) § 60.675(b)(1)	None	§ 60.676(f)
P21IDM1	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart 000	§ 60.672(a)(2)	On/after the §60.8 test, no affected facility shall exhibit >7% opacity, unless the stack emissions are discharged from a wet scrubber .The wet scrubber must comply with §60.676 (c)-(e).	§ 60.675(a) § 60.675(b)(2) ** See Periodic Monitoring Summary	None	§ 60.676(f)
P21IDM2	EU	60000	PM	40 CFR Part 60, Subpart 000	§ 60.672(a)(1)	On/after the date of the test required by §60.8, no owner/operator shall cause a discharge of any stack emissions which: Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf).	§ 60.675(a) § 60.675(b)(1)	None	§ 60.676(f)
P21IDM2	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart 000	§ 60.672(a)(2)	On/after 60 days after achieving the maximum production rate, but not later than 180 days, no	§ 60.675(a) [G]§ 60.675(b)(2) ** See Periodic Monitoring Summary	None	§ 60.676(f)

						specified facility shall discharge fugitives with >10% opacity, except as provided in §60.672(c)-(e).			
P21IS	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart OOO	§ 60.672(f)	On/after 60 days after achieving the maximum production rate, but not later than 180 days, no owner/operator shall discharge from any baghouse emissions which exhibit >7% opacity.	§ 60.675(a) § 60.675(c)(2) ** See Periodic Monitoring Summary	None	§ 60.676(f)
P21TFB	EU	60000	PM (OPACITY)	40 CFR Part 60, Subpart OOO	§ 60.672(b)	On/after 60 days after achieving the maximum production rate, but not later than 180 days, no specified facility shall discharge fugitives with >10% opacity, except as provided in §60.672(c)-(e).	§ 60.675(a) [G]§ 60.675(c)(1) [G]§ 60.675(c)(3) § 60.675(g) ** See Periodic Monitoring Summary	None	§ 60.675(g) § 60.676(f) [G]§ 60.676(i)

ADDITIONAL MONITORING REQUIREMENTS

Periodic Monitoring Summary

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Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: P17-1, P17-2, and P17-3	Special Term & Condition 3H
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC § 111, Visible Emissions	Main Standard: § 111.153
Pollutant: PM	
MONITORING INFORMATION	
Indicator: 1. Secondary Voltage 2. Secondary Current	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: 1. Secondary Volts(Kvolts): Minimum = 27 Field: 1A-inlet 2. Secondary Current(Amps): Maximum = .5, Minimum =0.03	
Periodic Monitoring Text: 1. Measure and record the secondary voltage. Establish a minimum secondary voltage using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained 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. 2. Measure and record the secondary current. Establish a minimum and maximum secondary current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit or above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: P17-1, P17-2, and P17-3	Special Term & Condition 3H
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC § 111, Visible Emissions	Main Standard: § 111.153
Pollutant: PM	
MONITORING INFORMATION	
Indicator: 1. Secondary Voltage 2. Secondary Current	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: 1. Secondary Volts(Kvolts): Minimum = 27 Field: 1B-inlet 2. Secondary Current(Amps): Maximum = 1.2, Minimum =0.03	
Periodic Monitoring Text: 1. Measure and record the secondary voltage. Establish a minimum secondary voltage using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained 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. 2. Measure and record the secondary current. Establish a minimum and maximum secondary current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit or above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: P17-1, P17-2, and P17-3	Special Term & Condition 3H
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC § 111, Visible Emissions	Main Standard: § 111.153
Pollutant: PM	
MONITORING INFORMATION	
Indicator: 1. Secondary Voltage 2. Secondary Current	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: 1. Secondary Volts(Kvolts): Minimum = 27 Field: 2-middle 2. Secondary Current(Amps): Maximum = 2.0, Minimum = 0.03	
Periodic Monitoring Text: 1. Measure and record the secondary voltage. Establish a minimum secondary voltage using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained 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. 2. Measure and record the secondary current. Establish a minimum and maximum secondary current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit or above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: P17-1, P17-2, and P17-3	Special Term & Condition 3H
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC § 111, Visible Emissions	Main Standard: § 111.153
Pollutant: PM	
MONITORING INFORMATION	
Indicator: 1. Secondary Voltage 2. Secondary Current	
Minimum Frequency: Once per week	
Averaging Period: N/A	
Deviation Limit: 1. Secondary Volts(Kvolts): Minimum = 27 Field: 3-outlet 2. Secondary Current(Amps): Maximum = 2.0, Minimum =0.03	
Periodic Monitoring Text: 1. Measure and record the secondary voltage. Establish a minimum secondary voltage using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained 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. 2. Measure and record the secondary current. Establish a minimum and maximum secondary current using the most recent performance test, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be calibrated, maintained and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit or above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID Nos: ANAL-1, BL1-1, BL1-2A, BL1-2B, BL1-2C, BL-12T, BL1-3, BL1-3T, BL1-4E, BL1-4W, BL1-5, BL2-5, BL-RC1E, BL-RC1W, BL-RC2E, BL-RC2W, CC-CONV, CESC, F16B1, F16B5, L-1, L-1A, L-1T, L-2, L-3, LS1, LS2, P22CNVB1, P22CNVB2, P22CNVC1, P22CNVC2, P22CNVD1, P22CNVD2, P22CNVE1, P22CNVE2, P22CTPD1, P22CTPD2, P22FDS1, P22FDS10, P22FDS2, P22FDS3, P22FDS4, P22FDS5, P22FDS6, P22FDS7, P22FDS8, P22FDS9, PURGE, PURGE-C, PURGE-T, SC-CONV, SCONVT, SCONV-10, SCONV-10T, SCONV-2, SCONV-2T, SCONV-3, SCONV-3T, SCONV-4, SCONV-4T, SCONV-5, SCONV-5T, SCONV-6, SCONV-6T, SCONV-7, SCONV-7T, SCONV-8, SCONV-8T, SCONV-9, SCONV-9T, TOCONV-1, TOCONV-1T, & TOCONV-BD	Applicable Form: OP-UA08
APPLICABLE REGULATORY REQUIREMENT	
Name: 40 CFR Part 60, Subpart Y	SOP Index No.: 60Y
Pollutant: PM (OPACITY)	Main Standard: § 60.252(c)
MONITORING INFORMATION	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: 20% Opacity	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID Nos.: P17-1, P17-2, P17-3, P17CFB1, and P17CFB2	Applicable Form: OP-UA06
APPLICABLE REGULATORY REQUIREMENT	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R1129
Pollutant: SO ₂	Main Standard: § 112.9(a)
MONITORING INFORMATION	
Indicator: Sulfur Content of Fuel	
Minimum Frequency: Quarterly and within 24 hours of any fuel change	
Averaging Period: n/a*	
Deviation Limit: > 0.3 weight percent sulfur	
Periodic Monitoring Text: Measure and record the sulfur content of the fuel. Any monitoring data above the deviation limit shall be considered and reported as a deviation.	

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

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: P21TFB, P21CNVLS, P21IDM1, and P21IDM2	Applicable Form: OP-UA09
APPLICABLE REGULATORY REQUIREMENT	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000
Pollutant: PM (OPACITY)	Main Standard: § 60.672(b)
MONITORING INFORMATION	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: 10% Opacity	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

Periodic Monitoring Summary

UNIT/GROUP/PROCESS INFORMATION	
ID No.: P21IS, P21FB, P21DB1, and P21DB2	Applicable Form: OP-UA09
APPLICABLE REGULATORY REQUIREMENT	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000
Pollutant: PM (OPACITY)	Main Standard: § 60.672(f)
MONITORING INFORMATION	
Indicator: Opacity	
Minimum Frequency: Once per month	
Averaging Period: Six-minutes	
Deviation Limit: 7% Opacity	
Periodic Monitoring Text: Opacity shall be monitored, by a certified observer, for at least one, six-minute period in accordance with Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Any opacity readings above the deviation limit shall be reported as a deviation.	

PERMIT SHIELD

Permit Shield

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Permit Shield

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

Unit/Group/Process			Regulation	Basis of Determination
ID No.	Unit Type	Group/Inclusive Units		
19FUEL01	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Kb	This is a dual compartment storage tank and the design capacity of each compartment is 9,000 gallons.
19FUEL04	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Ka	Diesel is not included in definition of petroleum liquid.
19FUEL05	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart K	Tank was constructed prior to 6/11/73.
20FUEL01	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is not greater than or equal to 10,600 gallons.
20FUEL02	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is not greater than or equal to 10,600 gallons.
20FUEL03	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is not greater than or equal to 10,600 gallons.
20FUEL04	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Kb	Storage tank capacity is not greater than or equal to 10,600 gallons.
20FUEL05	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Kb	Exempt based on definition of gasoline service station.
BELEV-TO	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CCD-5A	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CCD-5B	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV-10A	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV10A-TO	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV-10B	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV10B-TO	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV-11	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV11-TO	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
CONV-3	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.

[illegible]

LSS-12	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-13	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-21	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-22	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-23	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-31	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-32	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
LSS-33	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
P16ASP	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Open storage piles are not in definition of coal storage system.
P16DSP	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Open storage piles are not in definition of coal storage system.
P16LD-1A	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-1A	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-1B	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-1B	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-1C	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-1C	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-2A	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-2A	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-2B	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-2B	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.

P16LD-2C	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-2C	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-3A	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-3A	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-3B	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-3B	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LD-3C	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Dryer does not burn liquid fuel (natural gas and lignite).
P16LD-3C	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Thermal dryer definition is for bituminous coal. Emission unit is not modified after 10/24/1974.
P16LRF	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/1974.
P16LRF2	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/1974.
P16LS	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/1974.
P16LSC	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Open storage piles are not in definition of coal storage system.
P16LSHC	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/1974.
P16LSS	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Open storage piles are not in definition of coal storage system.
P16NJH	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/1974.
P16SC	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after

				10/24/1974.
P16SJH	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/1974.
P17-1	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart D	Boiler was not constructed or modified after 8/17/71.
P17-2	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart D	Boiler was not constructed or modified after 8/17/71.
P17-3	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart D	Boiler was not constructed or modified after 8/17/71.
P21AH1	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Air heater does not burn liquid fuel.
P21AH2	OP-REQ2 ONLY	N/A	30 TAC Chapter 112, Sulfur Compounds	Air heater does not burn liquid fuel.
P21L1T	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart OOO	Truck dumping of non-metallic minerals into a feed hopper is exempt.
P21LISP	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart OOO	Not listed as an affected facility.
P21RH	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart OOO	Truck dumping of non-metallic minerals into a feed hopper is exempt.
RHBLDG	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.
TT1-DC	OP-REQ2 ONLY	N/A	40 CFR Part 60, Subpart Y	Emission unit not modified after 10/24/74.

NEW SOURCE REVIEW AUTHORIZATION REFERENCES

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New Source Review Authorization References

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

PSD Permits	NA Permits
PSD Permit No.:	NA Permit No.:
PSD Permit No.:	NA Permit No.:
PSD Permit No.:	NA Permit No.:
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 7084	Authorization No.: 46975
Authorization No.: 48437	Authorization No.: 46662
Authorization No.: 50917	Authorization No.: 46014
Authorization No.: 42311	Authorization No.: 42739
Authorization No.: 45781	Authorization No.: 52481
Authorization No.: 50234	Authorization No.: 55296
Authorization No.: 45780	Authorization No.:
Authorization No.:	Authorization No.:
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 051	Version No./Date: 09/12/1989
Number: 051	Version No./Date: 07/02/1992
Number: 051	Version No./Date: 07/20/1992
Number: 053	Version No./Date: 09/12/1989
Number: 111	Version No./Date: 09/12/1989
Number: 118	Version No./Date: 05/04/1994
Number: 118	Version No./Date: 04/05/1995
Number: 72269	
Number: 72378	
Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Permit No.:
Permit No.:	Permit No.:
Permit No.:	Permit No.:

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit. The emission units identified with "GF Status" in the New Source Review Authorization Column were placed into service prior to September 1, 1971 and qualified for grandfathered status. At the time of issuance of this permit, the permit holder demonstrated that applications have been submitted for grandfathered units required to apply for NSR authorization according to the schedule set forth in the 77th Texas State Legislature's House Bill 2912.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
16F10	LIGNITE DRYER STACK	GF Status
17A	UNIT 1/2 STACK	48437
17B	UNIT 3 STACK	48437
17CFB	CFB STACK	48437
19FUEL01	UNITS 1-3 FUEL OIL STORAGE TANK - ROCA23/34	051/07/02/1992
19FUEL04	UNIT 4 FUEL OIL STORAGE TANK - ROCF2	051/09/12/1989
19FUEL05	UNITS 1-3 FUEL OIL STORAGE TANK - ROCA8	051/09/12/1989
20FUEL01	NORTH FUEL ISLAND DIESEL STORAGE TANK - ROCM12	051/09/12/1989
20FUEL02	NORTH FUEL ISLAND DIESEL STORAGE TANK - ROCM13	051/09/12/1989
20FUEL03	SOUTH FUEL ISLAND DIESEL STORAGE TANK - ROCM27	051/09/12/1989
20FUEL04	SOUTH FUEL ISLAND DIESEL STORAGE TANK - ROCM28	051/09/12/1989
20FUEL05	CENTRAL FUEL ISLAND GASOLINE STORAGE TNK-ROCM15	053/09/12/1989
20FUEL08	CENTRAL FUEL ISLAND DIESEL STORAGE TNK - ROCM14-1	051/09/12/1989
20FUEL09	CENTRAL FUEL ISLAND DIESEL STORAGE TNK - ROCM14-3	051/09/12/1989
20FUEL10	CENTRAL FUEL ISLAND DIESEL STORAGE TNK - ROCM14-4	051/09/12/1989
20FUEL11	CENTRAL FUEL ISLAND DIESEL STORAGE TNK - ROCM14-2	051/09/12/1989
ANAL-1	ANALYZER NO.1	7084
BELEV-TO	BUCKET ELEVATOR TRANSFER TO CONVEYORS A1 AND A2	55296
BL1-1	BLEND FACILITY UNLOADING HOOPER NO.1	77269
BL1-2A	BLEND FACILITY UNLOADING HOOPER NO.1 DROP	72269
BL1-2B	BLEND FACILITY CRUSHER NO.1	72269
BL1-2C	UNDERGROUND PORTION OF 48" CONVEYOR NO.1	72269
BL-12T	TRANSFER FROM RECLAIM CONVEYOR TO 12-MILE	7084
BL1-3	ABOVEGROUND PORTION OF 48" CONVEYOR NO.1	72269

BL1-3T	TRANSFER FROM 48" CONVEYOR NO.1 TO RADIAL STACKER	72269
BL1-4E	RADIAL STACKING CONVEYOR EAST PORTION	72269
BL1-4W	RADIAL STACKING CONVEYOR WEST PORTION	72269
BL1-5	BLEND FACILITY WEST STORAGE	72269
BL2-5	BLEND FACILITY NO.2 STORAGE	72269
BL-RC1E	UNDERGROUND EAST RECLAIM CONVEYOR	72269
BL-RC1W	UNDERGROUND WEST RECLAIM CONVEYOR	72269
BL-RC2E	ABOVEGROUND PORTION OF EAST RECLAIM CONVEYORS	72269
BL-RC2W	ABOVEGROUND PORTION OF WEST RECLAIM CONVEYORS	72269
CC-CONV	CENTRAL CRUSHER FEED CONVEYOR	7084
CCD-5A	COALCRUSHER DROPS ONTO CONVEYOR 5A	55296
CCD-5B	COAL CRUSHER DROPS ONTO CONVEYOR 5B	55296
CESC	CENTRAL EMERGENCY STACKING CONVEYOR	7084
CONV-10A	CONVEYOR 10A	55296
CONV10A-TO	CONVEYOR 10A TRANSFER TO CONVEYOR 3	55296
CONV-10B	CONVEYOR 10B	55296
CONV10B-TO	CONVEYOR 10B TRANSFER TO CONVEYOR 11	55296
CONV-11	CONVEYOR 11	55296
CONV11-TO	CONVEYOR 11 TRANSFER TO RECEIVING HOPPER	55296
CONV-3	CONVEYOR3	55296
CONV3-TO	CONVEYOR 3 TRANSFER TO RECEIVING HOPPER	55296
CONV-5A	CONVEYOR 5A	55296
CONV5A-TO	CONVEYOR 5A TRANSFER TO CONVEYOR A1	55296
CONV-5B	CONVEYOR 5B	55296
CONV5B-TO	CONVEYOR 5B TRANSFER TO CONVEYOR A2	55296
CONV-6	CONVEYOR 6	55296
CONV6-TO	CONVEYOR 6 TRANSFER TO CONVEYOR 7	55296
CONV-7	STACKOUT CONVEYOR 7	55296
CONV7-TO	CONVEYOR 7 TRANSFER TO ACTIVE STOCKPILE	55296
CONV-8A	CONVEYOR 8A	55296
CONV8A-D	ACTIVE STOCKPILE DROP TO CONVEYOR 8A	55296
CONV8A-TO	CONVEYOR 8A TRANSFER TO CONVEYOR 9A	55296
CONV-8C	CONVEYOR 8C	55296
CONV8C-D	ACTIVE STOCKPILE DROP TO CONVEYOR 8C	55296
CONV8C-TO	CONVEYOR 8C TRANSFER TO CONVEYOR 9A	55296

CONV-8D	CONVEYOR 8D	55296
CONV8D-D	ACTIVE STOCKPILE DROP TO CONVEYOR 8D	55296
CONV8D-TO	CONVEYOR 8D TRANSFER TO CONVEYOR 9B	55296
CONV-8F	CONVEYOR 8F	55296
CONV8F-D	ACTIVE STOCKPILE DROP TO CONVEYOR 8F	55296
CONV8F-TO	CONVEYOR 8F TRANSFER TO CONVEYOR 9B	55296
CONV-9A	CONVEYOR 9A	55296
CONV9A-TO	CONVEYOR 9A TRANSFER TO CONVEYOR 10A	55296
CONV-9B	CONVEYOR 9B	55296
CONV9B-TO	CONVEYOR 9B TRANSFER TO CONVEYOR 10B	55296
CONV-A1	CONVEYOR A1	55296
CONVA1-TO	CONVEYOR A1 TRANSFER TO CONVEYORS B1 AND B2	55296
CONV-A2	CONVEYOR A2	55296
CONVA2-TO	CONVEYOR A2 TRANSFER TO CONVEYORS B1 AND B2	55296
CONV-B1	CONVEYOR B1	55296
CONV-B2	CONVEYOR B2	55296
CONV-SRB	SAMPLE REJECT BELT CONVEYOR TO HOPPER	55296
F16B1	SOUTH CRUSHER	7084
F16B5	CONVEYOR - FLIGHT01	7084
L-1A	SOUTH TRUCK UNLOADING HOPPER	7084
L-1	NORTH TRUCK UNLOADING HOPPER	7084
L-1T	CENTRAL UNLOADING HOPPER DROP	7084
L-2	CENTRAL (PRIMARY) CRUSHER	7084
L-3	TRANSFER TOWER 1	7084
LS1	MINE LIGNITE SAMPLER	7084
LS2	POWER PLANT LIGNITE SAMPLER	7084
LSS-11	LIGNITE STORAGE SILO 11	55296
LSS-12	LIGNITE STORAGE SILO 12	55296
LSS-13	LIGNITE STORAGE SILO 13	55296
LSS-21	LIGNITE STORAGE SILO 21	55296
LSS-22	LIGNITE STORAGE SILO 22	55296
LSS-23	LIGNITE STORAGE SILO 23	55296
LSS-31	LIGNITE STORAGE SILO 31	55296
LSS-32	LIGNITE STORAGE SILO 32	55296
LSS-33	LIGNITE STORAGE SILO 33	55296

P16LD-1A	LIGNITE DRYER - 1A	42311
P16LD-1B	LIGNITE DRYER - 1B	50917
P16LD-1C	LIGNITE DRYER - 1C	GF Status
P16LD-2A	LIGNITE DRYER - 2A	45781
P16LD-2B	LIGNITE DRYER - 2B	50234
P16LD-2C	LIGNITE DRYER - 2C	GF Status
P16LD-3A	LIGNITE DRYER - 3A	GF Status
P16LD-3B	LIGNITE DRYER - 3B	45780
P16LD-3C	LIGNITE DRYER - 3C	46975
P16LRF2	LIGNITE RECLAIM TUNNEL - 003	55296
P16LRF	LIGNITE RECLAIM TUNNEL - 005	55296
P16LSHC	SHUTTLE HOUSE & CONVEYOR	55296
P16LS	LIGNITE STACKOUT	55296
P16NJH	NORTH JUNCTION HOUSE	55296
P16SC	SECONDARY CRUSHER	55296
P16SJH	SOUTH JUNCTION HOUSE	55296
P17-1	BOILER 1	48437
P17-2	BOILER 2	48437
P17-3	BOILER 3	48437
P17CFB1	ROCKDALE 1	48437
P17CFB2	ROCKDALE 2	48437
P21AH1	IMPACT DRYER MILL HEATER #1	72378
P21AH2	IMPACT DRYER MILL HEATER #2	72378
P21CNVLS	LS CONVEYOR DROP TO INTERMEDIATE STORAGE BIN	72378
P21DB1	DAY BIN #1	72378
P21DB2	DAY BIN #2	72378
P21FB	FINES BIN	72378
P21IDM1	IMPACT DRYER MILL #1	72378
P21IDM2	IMPACT DRYER MILL #2	72378
P21IS	INTERMEDIATE STORAGE BIN	72378
P21L1T	TRUCK UNLOADING AT STOCKPILE	72378
P21LISP	LIMESTONE STOCKPILE	72378
P21RH	FRONT-END LOADING TO RECEIVING HOPPER	72378
P21TFB	TRUCK LOADING AT FINES BIN	72378
P22CNVB1	CONVEYOR B-1 TRANSFER TO CONVEYOR C-1	72378

P22CNVB2	CONVEYOR B-2 TRANSFER TO CONVEYOR C-2	72378
P22CNVC1	CONVEYOR C-1 TRANSFER TO CONVEYOR D-1	72378
P22CNVC2	CONVEYOR C-2 TRANSFER TO CONVEYOR D-2	72378
P22CNVD1	CONVEYOR D-1	72378
P22CNVD2	CONVEYOR D-2	72378
P22CNVE1	CONVEYOR E-1	72378
P22CNVE2	CONVEYOR E-2	72378
P22CTPD1	CONVEYOR D-1 TRANSFER TO CONVEYOR E-1	72378
P22CTPD2	CONVEYOR D-2 TRANSFER TO CONVEYOR E-2	72378
P22FDS10	FUEL BIN #10	72378
P22FDS1	FUEL BIN #1	72378
P22FDS2	FUEL BIN #2	72378
P22FDS3	FUEL BIN #3	72378
P22FDS4	FUEL BIN #4	72378
P22FDS5	FUEL BIN #5	72378
P22FDS6	FUEL BIN #6	72378
P22FDS7	FUEL BIN #7	72378
P22FDS8	FUEL BIN #8	72378
P22FDS9	FUEL BIN #9	72378
PURGE-C	PURGE MATERIAL STACKING CONVEYOR	7084
PURGE	PURGE MATERIAL STORAGE AREA	7084
PURGE-T	TRANSFER FROM 12-MILE TO PURGE CONVEYOR	7084
RHBLDG	RECEIVING HOPPER BUILDING	55296
SC-CONV	SOUTH CRUSHER DISCHARGE CONVEYOR	7084
SCCONVT	TRANSFER FROM S. CRUSHER DISCHARGE CONVEYOR	7084
SCONV-10	FLIGHT NO. 10 (F10) CONVEYOR	7084
SCONV-10T	TRANSFER FROM F02 TO F01 CONVEYOR	7084
SCONV-2	FLIGHT NO.2 (F02) CONVEYOR	7084
SCONV-2T	TRANSFER FROM F02 TO F01 CONVEYOR	7084
SCONV-3	FLIGHT NO.3 (F03) CONVEYOR	7084
SCONV-3T	TRANSFER FROM F03 TO F02 CONVEYOR	7084
SCONV-4	FLIGHT NO.4 (F04) CONVEYOR	7084
SCONV-4T	TRANSFER FROM F04 TO F03 CONVEYOR	7084
SCONV-5	FLIGHT NO.5 (F05) CONVEYOR	7084
SCONV-5T	TRANSFER FROM F05 TO F04 CONVEYOR	7084

SCONV-6	FLIGHT NO.6 (F06) CONVEYOR	7084
SCONV-6T	TRANSFER FROM F06 TO F05 CONVEYOR	7084
SCONV-7	FLIGHT NO.7 (F07) CONVEYOR	7084
SCONV-7T	TRANSFER FROM F07 TO F06 CONVEYOR	7084
SCONV-8	FLIGHT NO.8 (F08) CONVEYOR	7084
SCONV-8T	TRANSFER FROM F08 TO F07 CONVEYOR	7084
SCONV-9	FLIGHT NO.9 (F09) CONVEYOR	7084
SCONV-9T	TRANSFER FROM F09 TO F08 CONVEYOR	7084
TOCONV-1	12-MILE THREE OAKS CONVEYOR	7084
TOCONV-BD	12-MILE CONVEYOR BOOSTER DRIVE TRANSFER	7084
TT1-DC	TRANSFER TOWER 1 DROP CHUTE TO CONVEYOR 3 BELT	55296

COMPLIANCE SCHEDULE

Compliance Plan and Schedule

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Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17-1, P17-2, P17-3, P17CFB1, & P17CFB2	EU	N/A	N/A	CD-A-01-CA-881- SS-49	Selection of pollution reduction option.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-50	Written notice of selected approach.			Alcoa Environmental File	
C. Brief Description of the Noncompliance Situation					
Alcoa must select one of three pollution reduction options.					
D. Brief Description of Corrective Action Plan					
Alcoa will notify Plaintiffs identified in Consent Decree with written notice of approach.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Written notification to Plaintiffs by September 25, 2004.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17-1, P17-2, P17-3		EU	N/A	NOx	CD-A-01-CA-881-SS-68 Schedule for shutdown of electricity generating capacity for existing Sandow Units.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation		Text Description		Location of Records Documenting Situation Details	
CD-A-01-CA-881-SS-68		Recordkeeping and reporting		Electronic records on Alcoa's computer system and Alcoa environmental files	
C. Brief Description of the Noncompliance Situation					
Alcoa to shutdown electricity generating capacity for existing Sandow Units and not build replacement units (Option C in Consent Decree).					
D. Brief Description of Corrective Action Plan					
Shutdown existing Sandow unit electricity generating Capacity					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	If option A or option B in the Consent Decree is selected, shutdown two existing steam generating units by April 25, 2007 and shutdown the third steam generating unit by August 25, 2007.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17-1, P17-2, P17-3		EU	N/A	SO ₂	CD-A-01-CA-881-S S- 71 Operate existing Sandow Units to limit annual SO ₂ tons.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation		Text Description		Location of Records Documenting Situation Details	
CD-A-01-CA-881-SS-71 CD-A-01-CA-881-SS-118.F		Lignite sampling, recordkeeping & reporting.		Electronic records on Alcoa's computer system and Alcoa environmental files.	
C. Brief Description of the Noncompliance Situation					
Limit annual SO ₂ emissions during the period between signing the Consent Decree and implementation of pollution reduction projects or Unit shutdowns.					
D. Brief Description of Corrective Action Plan					
Annual limit on SO ₂ emissions. The limit is the product of the 3.50 lb/MMBTU multiplied by the total heat input of lignite combusted at Alcoa's existing Sandow Units in a calendar year. To meet this limit, Alcoa may comply by purchasing SO ₂ credits at 1.5 tpy of credits per ton of SO ₂ exceedance above the annual SO ₂ emission limit.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Conduct periodic sampling of lignite to determine sulfur content per Agreed Order 95-0583-SIP.				
2	Annual calculation for compliance - starting October 28, 2003 and continuing until December 31 of year Alcoa commences commercial operation under Option B, or until December 31, 2006 if complying with Option C.				
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17-1, P17-2, P17-3		EU	N/A	PM	CD-A-01-CA-881-S S- 72
B. Identification of Method Utilized to Assess Compliance Status and Location of Records					
Method Used to Assess Compliance					Location of Records Documenting
Compliance Method Citation		Text Description			Situation Details
CD-A-01-CA-881-SS-72		Operating and Maintenance work practices.			Written records in Alcoa's environmental files and electronic work orders in Alcoa's computer systems.
C. Brief Description of the Noncompliance Situation					
Improve operating and maintenance beyond that required to comply with the opacity limit for the emission points 17A and 17B.					
D. Brief Description of Corrective Action Plan					
Implementation operation and maintenance requirements as specified in Consent Decree					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Energize each section of ESP for each existing Sandow Unit - September 11, 2003 to shutdown of existing Sandow Units				
2	Maintain the energy power levels delivered to ESPs for each existing Sandow Unit to achieve the greatest possible removal of PM - September 11, 2003 to shutdown of existing Sandow Units.				
3	Make best efforts to expeditiously repair and return to service transformer - rectifier sets on failure - September 11, 2003 to shutdown of existing Sandow Units.				
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports				Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)	

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	SO ₂	CD-A-01-CA-881-S-60, 63, 64, 66 & 67	Achieve and maintain the emission limitations established as BACT in Permit No. 48437. Emission rates and limitations are enforceable under the Consent Decree.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-63	0.20 lb/MMBtu 30-day rolling average			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Install two new circulating fluidized bed boilers to achieve lower emission limits than existing boilers per Consent Decree.					
D. Brief Description of Corrective Action Plan					
Install and operate two replacement boilers in compliance with the SO ₂ emission limit.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Achieve the SO ₂ emission limit within 6 months of commencement of commercial operation as demonstrated by Special Condition 10 in Permit No. 48437.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports					
			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	NO _x	CD-A-01-CA-881-S S- 60, 63, 64, 66 & 67	Achieve and maintain the emission limitations established as BACT in Permit No. 48437. Emission rates and limitations are enforceable under the Consent Decree.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-63	0.10 lb/MMBtu 30-day rolling average			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Install two new circulating fluidized bed boilers to achieve lower emission limits than existing boilers per Consent Decree.					
D. Brief Description of Corrective Action Plan					
Install and operate two replacement boilers in compliance with the NO _x emission limits.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Achieve the NO _x emission limit within 6 months of commencement of commercial operation as demonstrated by Special Condition 10 in Permit No. 48437.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	PM	CD-A-01-CA-881-S S- 60, 63, 64, 66 & 67	Achieve and maintain the emission limitations established as BACT in Permit No. 48437. Emission rates and limitations are enforceable under the Consent Decree.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-63	0.015 lb/MMBtu 3-hour average (front-half catch)			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Install two new circulating fluidized bed boilers to achieve lower emission limits than existing boilers per Consent Decree.					
D. Brief Description of Corrective Action Plan					
Install and operate two replacement boilers in compliance with the PM emission limits.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Achieve the PM emission limit within 6 months of commencement of commercial operation as demonstrated by Special Condition 10 in Permit No. 48437.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17-1, P17-2, P17-3	EU	N/A	PM(OP)	CD-A-01-CA-881-S-73	Opacity not to exceed 30 percent on a 6-minute average.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-74	Operate continuous opacity monitors at each stack.			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Required by Consent Decree to operate continuous opacity monitors on existing Sandow Units.					
D. Brief Description of Corrective Action Plan					
Operate continuous opacity monitors on existing Sandow Units.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Operate existing continuous opacity monitors on existing boilers until unit shutdown.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports					
			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	NO _x	CD-A-01-CA-881-S S- 75, 76 & 77.	Operate CEMS on replacement boilers.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-77.A.	NO _x CEMS certified and operated in accordance with 40 CFR Part 75 and NO _x protocol approved by EPA.			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Required by Consent Decree and Permit No. 48437 to operate CEMS on replacement boilers.					
D. Brief Description of Corrective Action Plan					
Install and operate NO _x CEMS.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Submit monitoring plan to EPA for approval 6 months before proposed installation of CEMS.				
2	Install, calibrate and operate the CEMS in compliance with EPA approved protocol and all applicable statutes, regulations, and EPA guidance governing such CEMS.				
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-77, 102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	PM(OP)	CD-A-01-CA-881-S S- 75, 76 & 79.	Operate COMS on replacement boilers.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-79.	Operate COMS in compliance with the requirements in 40 CFR Part 60 Appendix B, specification 1 and Part 75.			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Required by Consent Decree to operate COMS on replacement boilers.					
D. Brief Description of Corrective Action Plan					
Install and operate a COMS on replacement boilers.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Submit monitoring plan to EPA for approval 6 months before proposed installation of COMS.				
2	Install, calibrate and operate the COMS in compliance with EPA approved protocol and all applicable statutes, regulations, and EPA guidance governing such COMS.				
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	PM	CD-A-01-CA-881-S S- 75, 76, 77, 78.	Conduct stack testing or operate PM CEMS on replacement boilers.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-77.C. And 78.	Stack testing using 40 CFR Part 60 reference methods until EPA issues a final rulemaking promulgating a reference method or methods for PM CEMS.			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Required by Consent Decree to conduct PM stack testing and when promulgated by EPA, operate PM CEMS on replacement boilers.					
D. Brief Description of Corrective Action Plan					
Conduct stack testing and when promulgated by EPA, operate PM CEMS on replacement boilers.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Conduct semiannual stack testing for replacement boilers per requirements in Paragraph 77 of the Consent Decree and Permit No. 48437 until one year after the PM CEMS required by Part 75 are operational. Calculate PM emission rates in compliance with 40 CFR 60.8(f) and submit stack test reports within 60 days of conducting tests.				
2	After PM CEMS are required, submit monitoring plan to EPA for approval 6 months before proposed installation of PM CEMS.				
3	Install, calibrate and operate the PM CEMS in compliance with EPA approved protocol and all applicable statutes, regulations and EPA guidance governing such PM CEMS.				
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17CFB1, P17CFB2	EU	N/A	SO ₂	CD-A-01-CA-881-S S- 75, 76 & 77.	Operate CEMS on replacement boilers.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-77.B.	SO ₂ CEMS certified and operated in compliance with 40 CFR Part 75 and protocol approved by EPA.			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Required by Consent Decree and Permit No. 48437 to operate CEMS on replacement boilers.					
D. Brief Description of Corrective Action Plan					
Install and operate SO ₂ CEMS.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Submit monitoring plan to EPA for approval 6 months before proposed installation of CEMS.				
2	Install, calibrate and operate the CEMS in compliance with EPA approved protocol and all applicable statutes, regulations and EPA guidance governing such CEMS.				
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-77, 102.a)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
P17-1, P17-2, P17-3		EU	N/A	NO _x	CD-A-01-CA-881-S-69 Operate existing boilers using low-NO _x burners and overfire air to achieve and maintain a Nox emission rate no greater than 0.60 lb/MMBTU and no more than 9,730 tons of NO _x from all three existing boilers in a calendar year basis.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-69 Agreed Order 2000-0032-AIR	Calculate annual tonnage of NO _x emissions in a calendar year using TCEQ Agreed Order No. 2000-0032-SIP. methodology.			Electronic records in Alcoa's computer system and written records in environmental files.	
C. Brief Description of the Noncompliance Situation					
Required by Consent Decree and Agreed Order 2000-332-AIR.					
D. Brief Description of Corrective Action Plan					
Conduct semiannual stack testing and calculate compliance with annual tons NO _x emitted rate until existing boilers are shutdown.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Continue to operate low-NO _x burners and overfire air on existing boilers.				
2	Continue semi-annual stack testing until shutdown.				
3	Calculate annual NO _x tonnage on a calendar year basis (prorate if period is less than a year).				
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports				Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-102.a)	

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
N/A	N/A	N/A	SO ₂ , NO _x	CD-A-01-CA-881-S S-88, 89 & 90.	Use of SO ₂ and NO _x emission allowances.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-88	Alcoa is prohibited from using or selling resulting SO ₂ and NO _x allowances in any emissions trading program. Does not apply to credits generated before the consent decree or generated for reductions that exceed the requirements of the Consent Decree. Alcoa may purchase emission allowances from another source or EPA or any state.			Written records in Alcoa's environmental files.	
C. Brief Description of the Noncompliance Situation					
Prohibition from using or selling SO ₂ and NO _x credits pursuant to terms of the Consent Decree.					
D. Brief Description of Corrective Action Plan					
Monitor generation and use of SO ₂ and NO _x credits for compliance with Consent Decree requirements.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Monitor generation and use of SO ₂ and NO _x credits for compliance with Consent Decree requirements.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Per Consent Decree Periodic Reporting Requirements (CD-A-01-CA-881-SS-77, 102.c)		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
N/A	N/A	N/A	N/A	CD-A-01-CA-881-S-91	Prohibition on netting credits or offsets from required controls, except from dryer emission reductions.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation		Text Description			
N/A		Review permit actions requiring contemporaneous netting for compliance with the Consent Decree.		Written records in Alcoa's environmental files.	
C. Brief Description of the Noncompliance Situation					
Alcoa is prohibited from considering emission reductions generated to comply with the terms of the Consent Decree as a creditable contemporaneous emission decreases. This prohibition shall not preclude Alcoa from applying emission decreases from the elimination of it's lignite dryers to potential emission increases from any ancillary equipment at the source necessary for the operation of the replacement Sandow Units.					
D. Brief Description of Corrective Action Plan					
Monitor permit actions that require contemporaneous emission review.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Review permit actions that require contemporaneous emission netting for compliance with the Consent Decree requirements.				
2					
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports			Include a a discussion in the appropriate air permit applications for contemporaneous netting emissions, if used.		

Compliance Plan and Schedule

Compliance Schedule Section (Details)					
A. Identification of Specific Situation of Noncompliance					
Unit/Group/Process		SOP Index No.	Pollutant	Applicable Regulatory Requirement	
ID. No.	Type			Citation	Text Description
N/A	N/A	N/A	N/A	CD-A-01-CA-881-S S- 95, 96, 97, 98, 99, & 100	Resolution of Future Civil claims.
B. Identification of Method Utilized to Assess Compliance Status and Location of Records Documenting Situation Details					
Method Used to Assess Compliance				Location of Records Documenting Situation Details	
Compliance Method Citation	Text Description				
CD-A-01-CA-881-SS-95, 97	Comply with Title V permit requirements. Remain in compliance with the deadlines in Section IV of the Consent Decree, subject to limitations in Sections 98 (excludes modifications per 40 CFR 60.14(h)) and 99 (terminates on 12/31/2009).			Written records in Alcoa's environmental files.	
C. Brief Description of the Noncompliance Situation					
Potential non-compliance if deadlines in Section IV not met.					
D. Brief Description of Corrective Action Plan					
Meet deadlines in Section IV.					
E. List of Activities/Milestones to Implement the Corrective Action Plan					
1	Submit Periodic Reports that show deadlines are met.				
2	Revise Title V permit as needed.				
3					
4					
F. Previously Submitted Compliance Plan(s)		Type of Action		Date Submitted	
		N/A			
G. Schedule for Submitting Progress Reports					
				Document compliance with Consent Decree schedules in Title V permit.	

APPENDIX A

Acronym List

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ACRONYM LIST

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

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