

**From:** German Ortiz  
**Sent:** Friday, October 17, 2025 11:15 AM  
**To:** kofi.frimpong@gapac.com  
**Subject:** Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Mr. Frimpong

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1148 for Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation. This application has been assigned Project No. 39091. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I started a technical review of the application and will send you a draft permit for review after the NSR permit No. 5207 is issued.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

Please review the "SOP Technical Review Fact Sheet" located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf). This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

German Rodriguez Ortiz, Permit Specialist  
OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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**From:** German Ortiz  
**Sent:** Friday, October 17, 2025 1:02 PM  
**To:** 'Frimpong, Kofi'  
**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good afternoon, Mr. Frimpong,

Sorry. That is correct, it is in regards the minor revision.

Thanks,

German Rodriguez Ortiz, Permit Specialist  
OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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**From:** Frimpong, Kofi <KOFI.FRIMPONG@GAPAC.COM>  
**Sent:** Friday, October 17, 2025 12:25 PM  
**To:** German Ortiz <German.Ortiz@tceq.texas.gov>  
**Cc:** Missildine, Andrea K <Andrea.Missildine@GAPAC.com>; Bush, Brandon <brandon.bush1@gapac.com>  
**Subject:** Re: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good Afternoon Mr Ortiz,

We currently dont have a pending Title V renewal for the Diboll Particleboard Operations. Is this in relation to the pending minor revision?

Thank you.

Regards,

**Kofi Frimpong, P.E.**

Complex Environmental Manager

Lumber and Particleboard Facilities - Diboll, TX

Work: 936-829-1797 | Mobile: 936-208-7317 | Fax: 936-829-1527



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**From:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>

**Sent:** Friday, October 17, 2025 11:14 AM

**To:** Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>

**Subject:** Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Sent by an external sender

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Mr. Frimpong

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1148 for Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation. This application has been assigned Project No. 39091. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

Thank you for your cooperation.

Sincerely,

German Rodriguez Ortiz, Permit Specialist  
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Texas Commission on Environmental Quality  
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Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Georgia-Pacific Panel Products LLC

AUTHORIZING THE OPERATION OF  
Diboll Complex  
Diboll Particleboard Operations  
Sawmills

LOCATED AT  
Angelina County, Texas  
Latitude 31° 11' 46" Longitude 94° 47' 18"  
Regulated Entity Number: RN104725445

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

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

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

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

Permit No:           O1148           Issuance Date:           October 10, 2022          

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For the Commission

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## **General Terms and Conditions**

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

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

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

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

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

## **Special Terms and Conditions:**

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

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts DDDD, ZZZZ, and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, §§ 113.870, 113.1090, and 113.1130 which incorporates the 40 CFR Part 63 Subparts by reference.

- F. 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) Title 30 TAC § 101.372 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
  - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
  - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
  - (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 Air Quality Rules):
  - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
  - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit

holder shall comply with the following requirements for stationary vents at the site subject to this standard:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(1)(E)
- (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
  - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
  - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
  - (3) Records of all observations shall be maintained.
  - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet

prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. 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)
- (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<sub>x</sub>, 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 emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet 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) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. 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)
- (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<sub>x</sub>, 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 source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source 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) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. 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.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
    - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
    - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
    - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
  - G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
    - (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
    - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
    - (iii) 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 stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
    - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
    - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

#### **Additional Monitoring Requirements**

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

- B. The permit holder shall report, consistent with the averaging time identified in the “CAM Summary,” deviations as defined by the deviation limit in the “CAM Summary.” Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
  - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the “CAM Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
  - D. The permit holder shall operate the monitoring, identified in the attached “CAM Summary,” in accordance with the provisions of 40 CFR § 64.7.
  - E. The permit holder shall comply with either of the following requirements for any particulate matter capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective action:
    - (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
    - (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.
  - F. The permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
    - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
    - (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.
  - G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached “Periodic Monitoring Summary” 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 permit

holder 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 or minimum frequency 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. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **New Source Review Authorization Requirements**

8. 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 (including the permits by rule identified in the PBR Supplemental Tables dated November 4, 2021 in the application for project 32855), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
9. 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.
10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

### **Compliance Requirements**

11. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
12. Use of Discrete Emission Credits to comply with the applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

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

### **Protection of Stratospheric Ozone**

13. 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 or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants 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.

### **Permit Location**

14. 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)**

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

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

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Applicable Requirements Summary**

**Unit Summary** ..... 14

**Applicable Requirements Summary** ..... 18

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

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
PB-40	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-40	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-41	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-41	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-44	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-44	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-46	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-46	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-47	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-47	REINFORCED PLASTIC COMPOSITES PRODUCTION	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
PB-48	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-48	REINFORCED PLASTIC COMPOSITES PRODUCTION	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PB-49	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-49	REINFORCED PLASTIC COMPOSITES PRODUCTION	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PB-50	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-50	REINFORCED PLASTIC COMPOSITES PRODUCTION	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PB-53	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-55	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-56	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-56	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
PB-57A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-57A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-57B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-57B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-59	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-60	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-60	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-BOILER	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
PB-COREBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-COREBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
PB-FACEBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-FACEBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-FIREPMP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-FIREPMP	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PB-PRESS	REINFORCED PLASTIC COMPOSITES PRODUCTION	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PRO-MSCOAT	REINFORCED PLASTIC COMPOSITES PRODUCTION	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB-40	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-40	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-41	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						for Steam Generators).			
PB-41	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-44	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-44	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-46	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Processes		of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
PB-46	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-47	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-47	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1)	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	moisture content of less than or equal to 30 percent (by weight, dry basis); and operate with a 24-hour block average inlet dryer temperature of less than or equal to 600 F.	[G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-48	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-48	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet moisture content of less than or equal to 30 percent (by weight, dry basis);	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2)	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	and operate with a 24-hour block average inlet dryer temperature of less than or equal to 600 F.	§ 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-49	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-49	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet moisture content of less than or equal to 30 percent (by weight, dry basis); and operate with a 24-hour block average inlet dryer temperature of less	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than or equal to 600 F.			§ 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-50	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-50	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet moisture content of less than or equal to 30 percent (by weight, dry basis); and operate with a 24-hour block average inlet dryer temperature of less than or equal to 600 F.	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-53	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-55	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-56	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Generators).			
PB-56	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-57A	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-57A	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB-57B	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-57B	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-59	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-60	EP	R1151-1	PM	30 TAC Chapter 111,	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow,	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Nonagricultural Processes		or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
PB-60	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-BOILER	EU	63DDDDD-1	CO	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.10.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(2)-Table 4.8 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1)	For existing suspension burners with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, carbon monoxide (not using CEMS alternative) shall not exceed 2400 ppm by volume on a dry basis	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(c) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	corrected to 3 percent oxygen, 3-run average, using specified sampling volume or test run duration.	§ 63.7515(g) § 63.7520(a) § 63.7520(b) [G]§ 63.7520(b)-Table 5.5 § 63.7520(c) § 63.7520(d) § 63.7520(f) § 63.7525(a) § 63.7525(a)(1) [G]§ 63.7525(a)(2) § 63.7525(a)(3) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7530(b)(4)(viii) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)		[G]§ 63.7550(h)
PB-BOILER	EU	63DDDDD-1	Hydrogen Chloride	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1)	For existing units in all subcategories with heat input capacity of 10 million Btu per hour or greater designed to burn solid fuel, hydrogen chloride shall not exceed 0.022 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) [G]§ 63.7540(a)(2) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(a)(4) § 63.7540(d)		[G]§ 63.7520(b)-Table 5.3 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(4)		
PB-BOILER	EU	63DDDDD-1	Mercury	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	For existing units in all subcategories with heat input capacity of 10 million Btu per hour or greater designed to burn solid fuel, mercury shall not exceed 0.0000057 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) [G]§ 63.7510(a)(2) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b) [G]§ 63.7520(b)-Table 5.4 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) [G]§ 63.7540(a)(2) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(6)		
PB-BOILER	EU	63DDDDD-1	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.10.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.4.a § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	For existing suspension burners with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, filterable particulate matter shall not exceed 0.051 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(d) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b) § 63.7520(b)-Table 5.1 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7535(a) § 63.7535(b)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)		
PB-BOILER	EU	63DDDDD-1	PM (Opacity)	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(2)-Table 4.4.a § 63.7500(a)(1) [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	When complying with Table 1, 2, 11, 12, or 13 emission limit using an ESP control that operates as a dry control system (i.e., an ESP without a wet scrubber) without a PM CPMS, maintain opacity to less than or equal to 10 percent opacity or the highest hourly average opacity reading measured during the performance test run demonstrating compliance with the PM or TSM emission limitation.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(e) § 63.7510(k) § 63.7515(g) § 63.7525(c) § 63.7530(a) § 63.7530(b) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)
PB-COREBIN	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						title (relating to Emissions Limits for Steam Generators).			
PB-COREBIN	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-FACEBIN	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-FACEBIN	EP	R1111-1	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	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						begun after January 31, 1972.			
PB-FIREPMP	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-FIREPMP	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PB-PRESS	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2240(b)-Table 1B(1) § 63.2240 § 63.2240(b)-Table 2(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 5(2) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 7(1) § 63.2271(a)-Table 8(6)	For each reconstituted wood product press, reduce emission of total HAP, measured as THC (as carbon), by 90 percent.	§ 63.2260(a)-Table 2(1) § 63.2260(b)-Table 5(2) § 63.2260(b)-Table 5(6) § 63.2262(a)-Table 4(1) § 63.2262(a)-Table 4(11) § 63.2262(a)-Table 4(2) § 63.2262(a)-Table 4(3) § 63.2262(a)-Table 4(4) § 63.2262(a)-Table 4(5) § 63.2262(a)-Table 4(9) § 63.2262(b) § 63.2262(c) § 63.2262(d)(1) § 63.2262(e)	§ 63.2260(b)-Table 5(2) § 63.2260(b)-Table 6(6) § 63.2269(a)(3) § 63.2271(a)-Table 7(1) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(a)(4) § 63.2282(b)-Table 7(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2260(b)-Table 5(6) § 63.2260(c) § 63.2267 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(c) § 63.2280(d) § 63.2280(d)(2) § 63.2280(g) § 63.2280(g)(1) § 63.2280(g)(3) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.2262(g)(1) § 63.2262(h) § 63.2262(k) § 63.2262(k)(1) § 63.2262(k)(2) § 63.2267 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(d) § 63.2270(f) § 63.2271(a)-Table 7(1) § 63.2271(a)-Table 7(7)		§ 63.2281(a)-Table 9(3) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(5) § 63.2281(c)(5)(i) § 63.2281(c)(5)(ii) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(i) [G]§ 63.2281(k) [G]§ 63.2281(l)
PRO-MSCOAT	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(5) § 63.2250(e) § 63.2250(f) § 63.2250(g)	Group 1 miscellaneous coating operations must use non-HAP coatings as defined in §63.2292.	§ 63.2260(b)-Table 6(5) § 63.2271(a)-Table 8(5)	§ 63.2260(b)-Table 6(5) § 63.2271(a)-Table 8(5) § 63.2282(a) § 63.2282(a)(1) § 63.2282(b)-Table 8(5) [G]§ 63.2283	§ 63.2260(b)-Table 6(5) § 63.2260(c) § 63.2271(b) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(7) [G]§ 63.2281(d) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)

**Additional Monitoring Requirements**

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### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-40	
Control Device ID No.: PB-BAG-40	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-41	
Control Device ID No.: PB-BAG-41	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

Unit/Group/Process Information	
ID No.: PB-44	
Control Device ID No.: PB-ESP-44	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: Six times per minute*	
Averaging Period: 3-hour block average of 6-minute averages	
Deviation Limit: Maximum opacity = 10% (only applies while burning Sanderdust fuel)	
<p>CAM Text: The COMS shall be installed, operated, and maintained according to Performance Specification 1 (PS-1) at 40 CFR Part 60, Appendix B. The COMS shall undergo a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit. The COMS shall be adjusted whenever the calibration drift exceeds the Specification of PS-1, or 2 percent opacity over a 24-hour period.</p> <p>* The permit holder may elect to collect monitoring data on a more frequent basis than is required and calculate the average as specified by the minimum frequency, 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-46	
Control Device ID No.: PB-BAG-46	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-56	
Control Device ID No.: PB-BAG-56	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-57A	
Control Device ID No.: PB-BAG-57A	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-57B	
Control Device ID No.: PB-BAG-57B	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-60	
Control Device ID No.: PB-60BH	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-COREBIN	
Control Device ID No.: PB-CB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

### CAM Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-FACEBIN	
Control Device ID No.: PB-FB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-40	
Control Device ID No.: PB-BAG-40	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-41	
Control Device ID No.: PB-BAG-41	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-44	
Control Device ID No.: PB-ESP-44	Control Device Type: Wet or dry electrostatic precipitator
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Opacity	
Minimum Frequency: Six times per minute*	
Averaging Period: Six Minutes	
Deviation Limit: Maximum Opacity = 30%	
<p>Periodic Monitoring Text: The COMS shall be installed, operated, and maintained according to Performance Specification 1 (PS-1) at 40 CFR Part 60, Appendix B. The COMS shall undergo a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit. The COMS shall be adjusted whenever the calibration drift exceeds the Specification of PS-1, or 2 percent opacity over a 24-hour period.</p> <p>*The permit holder may elect to collect monitoring data on a more frequent basis than is required and calculate the average as specified by the minimum frequency, 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.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-46	
Control Device ID No.: PB-BAG-46	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-47	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-48	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-49	
Control Device ID No.: PB-VRTO-49	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-50	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-53	
Control Device ID No.: PB-RTO-53	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-55	
Control Device ID No.: PB-60BH	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 30%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-56	
Control Device ID No.: PB-BAG-56	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-57A	
Control Device ID No.: PB-BAG-57A	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-57B	
Control Device ID No.: PB-BAG-57B	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-59	
Control Device ID No.: PB-BF-59	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-60	
Control Device ID No.: PB-60BH	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-COREBIN	
Control Device ID No.: PB-CB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-FACEBIN	
Control Device ID No.: PB-FB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

## Periodic Monitoring Summary

<b>Unit/Group/Process Information</b>	
ID No.: PB-FIREPMP	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Permit Shield**

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### Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
B4-TK	N/A	40 CFR Part 60, Subpart Kb	Storage tank with a capacity less than 75 cubic meters.
B6-TK	N/A	40 CFR Part 60, Subpart Kb	Storage tank with a capacity less than 75 cubic meters.
PB-BOILER	N/A	40 CFR Part 60, Subpart D	Steam generating unit with a heat input rating less than 73 MW (250 MMBtu/hr).
PB-BOILER	N/A	40 CFR Part 60, Subpart Db	Steam generating unit with a heat input rating of less than 29 MW (100 MMBtu/hr).
PB-BOILER	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit that last commenced construction, modification, or reconstruction prior to June 9, 1989.
PB-FIREPMP	N/A	40 CFR Part 60, Subpart IIII	Stationary compression ignition internal combustion engine that commenced construction before July 11, 2005 and has not been modified or reconstructed after July 11, 2005.
PB-MVDISP	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facility located in a covered attainment county.
PB-OILLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and/or unloading of VOC other than gasoline in a covered attainment county.
PB-RESINLD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and/or unloading of VOC other than gasoline in a covered attainment county.
PB-USED OIL	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and/or unloading of VOC other than gasoline in a covered attainment county.

**New Source Review Authorization References**

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**New Source Review Authorization References by Emission Unit ..... 67**

### 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.

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: PSDTX865	Issuance Date: 11/04/2025
<b>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.</b>	
Authorization No.: §116.119(a)(2)(B)	Effective Date: 09/04/2000
Authorization No.: 5207	Issuance Date: 11/04/2025
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.392	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

**New Source Review Authorization References by Emissions Unit**

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
B4-TK	HEAVY HYDRAULIC OIL TANK	106.472/09/04/2000
B6-TK	B6 HYDRAULIC OIL TANK	106.472/09/04/2000
PB-40	HAMMERMILL NOS. 3 AND 5 CYCLONE AND BAGHOUSE STACK	5207, PSDTX865
PB-41	HAMMERMILL NOS. 1 AND 2 CYCLONE AND BAGHOUSE STACK	5207, PSDTX865
PB-44	SANDER DUST BOILER ESP STACK	5207, PSDTX865
PB-46	SANDER DUST FUEL BIN VENT	5207, PSDTX865
PB-47	DRYER NO. 1 MULTICLONE STACK	5207, PSDTX865
PB-48	DRYER NO. 2 MULTICLONE STACK	5207, PSDTX865
PB-49	DRYER NO. 3 VRTO STACK	5207, PSDTX865
PB-50	DRYER NO. 4 MULTICLONE STACK	5207, PSDTX865
PB-53	PB PRESS RTO STACK	5207, PSDTX865
PB-55	BOARD COOLER VENT	5207, PSDTX865
PB-56	BOARD SAWING (HOG RECLAIM CYCLONE) BAGHOUSE STACK	5207, PSDTX865
PB-57A	BOARD SANDING CYCLONE AND BAGHOUSE NO. 1 STACK	5207, PSDTX865
PB-57B	BOARD SANDING BAGHOUSE NO. 2 STACK	5207, PSDTX865
PB-59	RAW MATERIAL OVERS HAMMERMILL BAGHOUSE VENT	5207, PSDTX865
PB-60	MAT REJECTS AND WEIGHING CYCLONE & BAGHOUSE STACK	5207, PSDTX865
PB-BOILER	SANDER DUST BOILER	5207, PSDTX865
PB-COREBIN	CORE DRY BIN VENT	5207, PSDTX865
PB-FACEBIN	FACE DRY BIN VENT	5207, PSDTX865
PB-FIREPMP	FIRE WATER PUMP ENGINE	106.511/09/04/2000

**New Source Review Authorization References by Emissions Unit**

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PB-MVDISP	PB GASOLINE FUEL DISPENSING	106.412/09/04/2000
PB-OILLOAD	OIL UNLOADING	106.472/09/04/2000
PB-PRESS	PARTICLEBOARD PRESS	5207, PSDTX865
PB-RESINLD	RESIN UNLOADING AND LOADING	106.472/09/04/2000
PB-USED OIL	USED OIL LOADING	106.472/09/04/2000
PRO-MSCOAT	GROUP 1 MISCELLANEOUS COATING OPERATIONS	116.119(A)(2)(B)

\*\*This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Appendix A**

**Acronym List ..... 70**

## 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
CEMS	.....	continuous emissions monitoring system
CFR	.....	Code of Federal Regulations
COMS	.....	continuous opacity monitoring system
CVS	.....	closed vent system
D/FW	.....	Dallas/Fort Worth (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
gr/100 scf	.....	grains per 100 standard cubic feet
HAP	.....	hazardous air pollutant
H/G/B	.....	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	.....	hydrogen sulfide
ID No.	.....	identification number
lb/hr	.....	pound(s) per hour
MACT	.....	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	.....	Million British thermal units per hour
NA	.....	nonattainment
N/A	.....	not applicable
NADB	.....	National Allowance Data Base
NESHAP	.....	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	.....	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
PEMS	.....	predictive emissions monitoring system
PM	.....	particulate matter
ppmv	.....	parts per million by volume
PRO	.....	process unit
PSD	.....	prevention of significant deterioration
psia	.....	pounds per square inch absolute
SIP	.....	state implementation plan
SO <sub>2</sub>	.....	sulfur dioxide
TCEQ	.....	Texas Commission on Environmental Quality
TSP	.....	total suspended particulate
TVP	.....	true vapor pressure
U.S.C.	.....	United States Code
VOC	.....	volatile organic compound

**Appendix B**

**Major NSR Summary Table ..... 72**

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PB-32-FU	Truck Dump (5)	PM	0.33	0.54	26	26, 46	26
		PM <sub>10</sub>	0.16	0.26			
		PM <sub>2.5</sub>	0.02	0.04			
PB-33-FU	Raw Material Storage (RMS) Building (5)	PM	0.47	0.72	26	26, 46	26
		PM <sub>10</sub>	0.22	0.34			
		PM <sub>2.5</sub>	0.03	0.05			
PB-40	Hammermill Nos. 3 and 5 Feed Material Cyclone and Baghouse Stack (8)	VOC (11)	20.06	50.64	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	4.65	11.75			
		PM <sub>10</sub>	4.65	11.75			
		PM <sub>2.5</sub>	1.47	3.72			
		Methanol	1.35	3.40			
		Total HAPs	1.59	4.02			
PB-41	Hammermill Nos. 1 and 2 Feed Material Cyclone and Baghouse Stack (8)	VOC (11)	20.06	50.64	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	4.65	11.75			
		PM <sub>10</sub>	4.65	11.75			
		PM <sub>2.5</sub>	1.47	3.72			
		Methanol	1.35	3.40			
		Total HAPs	1.59	4.02			
PB-44	Sander Dust Boiler Electrostatic Precipitator Stack	VOC (12)	0.48	2.10	3, 4, 23, 27, 28, 29, 30, 31, 37, 39, 40, 41	4, 28, 30, 31, 41, 43, 45, 46	4, 31, 38, 39, 40, 42, 43, 45
		NO <sub>x</sub>	62.88	275.43			
		SO <sub>2</sub>	0.37	1.61			
		PM	2.73	11.94			
		PM <sub>10</sub>	2.20	9.62			
		PM <sub>2.5</sub>	2.01	8.81			
		CO	75.27	329.66			
		Hydrochloric Acid	0.02	0.07			
		Total HAPs	0.25	1.08			
PB-46	Sander Dust Fuel Bin Vent	VOC (11)	0.04	0.17	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	0.75	2.10			

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM <sub>10</sub>	0.55	1.54			
		PM <sub>2.5</sub>	0.39	1.11			
		Total HAPs	0.03	0.14			
PB-47	Dryer No. 1 Multiclone Stack (9)	VOC (11)	24.77	---	3, 4, 22, 23, 24, 27, 37, 39, 40, 41	4, 24, 41, 43, 45, 46	4, 38, 39, 40, 42, 43, 45
		NO <sub>x</sub>	6.30	---			
		SO <sub>2</sub>	0.07	---			
		PM	9.96	---			
		PM <sub>10</sub> (13)	9.41	---			
		PM <sub>2.5</sub> (13)	3.73	---			
		CO	5.90	---			
		Acetaldehyde	0.13	---			
		Acrolein	0.13	---			
		Benzene	0.01	---			
		Formaldehyde	0.34	---			
		Hydrochloric Acid	0.66	---			
		Manganese	0.02	---			
		Methanol	0.37	---			
		Phosphorus	0.08	---			
Total HAPs	2.13	---					
PB-48	Dryer No. 2 Multiclone Stack (9)	VOC (11)	24.77	---	3, 4, 22, 23, 24, 27, 37, 39, 40, 41	4, 24, 41, 43, 45, 46	4, 38, 39, 40, 42, 43, 45
		NO <sub>x</sub>	6.30	---			
		SO <sub>2</sub>	0.07	---			
		PM	9.96	---			
		PM <sub>10</sub> (13)	9.41	---			
		PM <sub>2.5</sub> (13)	3.73	---			
		CO	5.90	---			
		Acetaldehyde	0.13	---			
		Acrolein	0.13	---			
		Benzene	0.01	---			

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		Formaldehyde	0.34	---			
		Hydrochloric Acid	0.66	---			
		Manganese	0.02	---			
		Methanol	0.37	---			
		Phosphorus	0.08	---			
		Total HAPs	2.13	---			
PB-49	Dryer No. 3 Valveless Regenerative Thermal Oxidizer (VRTO) Stack	VOC (11)	4.27	10.78	3, 4, 22, 23, 24, 27, 32, 33, 37, 39, 40, 41	4, 24, 32, 33, 41, 43, 45, 46	4, 38, 39, 40, 41, 43, 45
		NO <sub>x</sub>	10.60	34.74			
		SO <sub>2</sub>	0.07	0.30			
		PM	10.17	25.67			
		PM <sub>10</sub>	10.17	25.67			
		PM <sub>2.5</sub>	10.17	25.67			
		CO	5.90	14.88			
		Hydrochloric Acid	0.45	1.13			
		Total HAPs	0.71	1.93			
PB-50	Dryer No. 4 Multiclone Stack (9)	VOC (11)	24.77	---	3, 4, 22, 23, 24, 27, 37, 39, 40, 41	4, 24, 41, 43, 45, 46	4, 38, 39, 40, 42, 43, 45
		NO <sub>x</sub>	6.30	---			
		SO <sub>2</sub>	0.07	---			
		PM	9.96	---			
		PM <sub>10</sub> (13)	9.41	---			
		PM <sub>2.5</sub> (13)	3.73	---			
		CO	5.90	---			
		Acetaldehyde	0.13	---			
		Acrolein	0.13	---			
		Benzene	0.01	---			
		Formaldehyde	0.34	---			
		Hydrochloric Acid	0.66	---			

### Major NSR Summary Table

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		Manganese	0.02	---			
		Methanol	0.37	---			
		Phosphorus	0.08	---			
		Total HAPs	2.13	---			
PB-47, PB-48, & PB-50	Dryer Nos. 1, 2, and 4 (9)	VOC (11)	---	209.62	<i>See entries for individual dryers above.</i>		
		NO <sub>x</sub>	---	53.30			
		SO <sub>2</sub>	---	0.57			
		PM	---	84.31			
		PM <sub>10</sub> (13)	---	79.63			
		PM <sub>2.5</sub> (13)	---	31.54			
		CO	---	49.88			
		Acetaldehyde	---	1.08			
		Acrolein	---	1.07			
		Benzene	---	0.05			
		Formaldehyde	---	2.91			
		Hydrochloric Acid	---	5.54			
		Manganese	---	0.16			
		Methanol	---	3.15			
		Phosphorus	---	1.00			
		Total HAPs	---	18.49			
PB-COREBIN	Core Dry Bin Vent	VOC (14)	0.13	0.55	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	0.01	0.06			
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	0.01	0.06			
		Total HAPs	0.03	0.15			
PB-FACEBIN	Face Dry Bin Vent	VOC (14)	0.13	0.55	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	0.01	0.06			
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	0.01	0.06			

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		Total HAPs	0.03	0.15			
PB-53	PB Press Regenerative Thermal Oxidizer (RTO) Stack	VOC (11)	1.66	3.21	3, 4, 23, 27, 34, 35, 37, 39, 40, 41	4, 34, 35, 41, 43, 45, 46	4, 38, 39, 40, 42, 43, 45
		NO <sub>x</sub>	3.94	17.30			
		SO <sub>2</sub>	<0.01	0.01			
		PM	0.78	2.18			
		PM <sub>10</sub>	0.45	1.26			
		PM <sub>2.5</sub>	0.35	0.97			
		CO	4.80	21.00			
		Formaldehyde	0.87	1.82			
		Methyl Isobutyl Ketone	0.48	1.35			
		Total HAPs	2.03	4.10			
PB-53-FU	Press Fugitives (5)	VOC (11)	4.27	10.04	4, 23, 27, 37, 39, 40, 41	4, 41, 43, 45, 46	4, 38, 39, 40, 42, 43, 45
		PM	0.11	0.32			
		PM <sub>10</sub>	0.06	0.16			
		PM <sub>2.5</sub>	0.05	0.14			
		Total HAPs	0.87	0.47			
PB-55	Board Cooler Vent	VOC (11)	7.72	21.74	23, 37, 39, 40, 41	41, 43, 45, 46	38, 39, 40, 42, 43, 45
		PM	2.02	5.69			
		PM <sub>10</sub>	2.02	5.69			
		PM <sub>2.5</sub>	1.88	5.30			
		Formaldehyde	0.40	1.13			
		Methanol	0.95	2.68			
		Total HAPs	1.71	4.81			
PB-56	Board Sawing (Hog Reclaim Cyclone) Baghouse Stack	VOC (11)	1.78	5.02	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	0.72	3.16			
		PM <sub>10</sub>	0.57	2.49			
		PM <sub>2.5</sub>	0.46	2.02			
		Methanol	0.50	1.40			
		Total HAPs	0.61	1.72			

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PB-57A	Board Sanding Cyclone and Baghouse No. 1 Stack (10)	VOC (11)	1.58	4.46	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	1.25	3.53			
		PM <sub>10</sub>	1.25	3.53			
		PM <sub>2.5</sub>	0.87	2.44			
		Acetaldehyde	0.12	0.35			
		Formaldehyde	0.01	0.02			
		Methanol	0.37	1.06			
		Phenol	0.14	0.40			
Total HAPs	0.65	1.82					
PB-57B	Board Sanding Baghouse No. 2 Stack (10)	VOC (11)	5.14	14.47	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	4.15	11.67			
		PM <sub>10</sub>	4.15	11.67			
		PM <sub>2.5</sub>	3.12	8.78			
		Acetaldehyde	0.37	1.04			
		Formaldehyde	0.08	0.23			
		Methanol	1.30	3.66			
		Phenol	0.43	1.21			
Total HAPs	2.18	6.15					
PB-58-FU	Refiner Belt Conveyors (5)	PM	0.27	0.72	26	26, 46	26
		PM <sub>10</sub>	0.13	0.34			
		PM <sub>2.5</sub>	0.02	0.05			
PB-59	Raw Material Overs Hammermill Baghouse Vent	VOC (11)	2.01	5.06	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM	0.07	0.17			
		PM <sub>10</sub>	0.07	0.17			
		PM <sub>2.5</sub>	0.07	0.17			
		Total HAPs	0.16	0.40			
PB-59-FU	Overs Belt Conveyor (5)	PM	0.01	0.03	26	26, 46	26
		PM <sub>10</sub>	0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
PB-60	Mat Rejects and	VOC (11)	0.39	1.09			

### Major NSR Summary Table

Permit Numbers: 5207 and PSDTX865					Issuance Date: 02/14/2022		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
	Weighing Cyclone and Baghouse Stack	PM	0.34	0.79	23, 25, 27, 37, 39, 40, 41	25, 41, 43, 45, 46	25, 38, 39, 40, 42, 43, 45
		PM <sub>10</sub>	0.25	0.58			
		PM <sub>2.5</sub>	0.18	0.42			
		Total HAPs	0.14	0.38			
PB-61-FU	Material Cleanup (5)	PM	0.23	0.58	26	26, 46	26
		PM <sub>10</sub>	0.11	0.27			
		PM <sub>2.5</sub>	0.02	0.04			
PB-62-FU	Sanderdust Truck Loading (5)	PM	0.06	0.01	26	26, 46	26
		PM <sub>10</sub>	0.03	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
PB-63-FU	Fuel Transfer (5)	PM	0.01	0.05	26	26, 46	26
		PM <sub>10</sub>	0.01	0.02			
		PM <sub>2.5</sub>	<0.01	<0.01			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide  
 HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C, including methanol and formaldehyde totals.
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included, as well as planned maintenance activities identified as part of permit alteration issued on March 28, 2013.
- (7) Compliance with hourly emission rates for all non-fugitive sources shall be demonstrated on a 3-hour average basis. Compliance with hourly emission rates for all fugitive sources shall be demonstrated on a daily average basis.
- (8) Compliance will be maintained as the sum of the emissions from Hammermill Nos. 1 and 2, and Nos. 3 and 5. Georgia Pacific will maintain records of production for each dryer to verify that the annual total limit is not exceeded.
- (9) Annual compliance will be maintained as the sum of the emissions from Dryer Nos. 1, 2, and 4. Georgia Pacific will maintain records of production for each dryer to

verify that the annual total limit is not exceeded.

- (10) Annual compliance will be maintained as the sum of emissions from two Sander Baghouses.
- (11) VOC presented on a Wood Products Protocol No. 1 (WPP1) basis.
- (12) VOC presented on a propane basis.
- (13) PM<sub>10</sub> and PM<sub>2.5</sub> emissions based on Method 5, Method 202, and Electrical Sensing Zone particle size distribution analysis.
- (14) VOC presented as sum of VOC compounds.
- (15) Compliance with the hourly emission rates NO<sub>x</sub>, SO<sub>2</sub>, and CO shall be demonstrated based on the sum of the emissions from EPNs PB-47, PB-48, and PB-50.

**From:** German Ortiz  
**Sent:** Tuesday, November 4, 2025 10:15 AM  
**To:** 'Frimpong, Kofi'  
**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)  
**Attachments:** SOP - O1148 Georgia-Pacific Panel Products LLC (Streamline, 39091).docx

Good morning Mr. Frimpong,

I have conducted a technical review of this application and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

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Thank you for your cooperation.

Sincerely,

German Rodriguez Ortiz, Permit Specialist  
OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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---

**From:** German Ortiz

**Sent:** Friday, October 17, 2025 1:02 PM

**To:** 'Frimpong, Kofi' <[KOFI.FRIMPONG@GAPAC.COM](mailto:KOFI.FRIMPONG@GAPAC.COM)>

**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good afternoon, Mr. Frimpong,

Sorry. That is correct, it is in regards the minor revision.

Thanks,

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**From:** Frimpong, Kofi <[KOFI.FRIMPONG@GAPAC.COM](mailto:KOFI.FRIMPONG@GAPAC.COM)>  
**Sent:** Friday, October 17, 2025 12:25 PM  
**To:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>  
**Cc:** Missildine, Andrea K <[Andrea.Missildine@GAPAC.com](mailto:Andrea.Missildine@GAPAC.com)>; Bush, Brandon <[brandon.bush1@gapac.com](mailto:brandon.bush1@gapac.com)>  
**Subject:** Re: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good Afternoon Mr Ortiz,

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Thank you.

Regards,

**Kofi Frimpong, P.E.**

Complex Environmental Manager

Lumber and Particleboard Facilities - Diboll, TX

Work: 936-829-1797 | Mobile: 936-208-7317 | Fax: 936-829-1527



---

**From:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>  
**Sent:** Friday, October 17, 2025 11:14 AM  
**To:** Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>  
**Subject:** Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Sent by an external sender

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Mr. Frimpong

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OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)





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**From:** Missildine, Andrea K <andrea.missildine@gapac.com>  
**Sent:** Friday, November 7, 2025 3:28 PM  
**To:** German Ortiz  
**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Thank you!

Andrea Missildine, P.E., Senior Air Quality Manager, Georgia-Pacific LLC  
830.401.1051 | [Andrea.Missildine@gapac.com](mailto:Andrea.Missildine@gapac.com)

---

**From:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>  
**Sent:** Friday, November 7, 2025 3:23 PM  
**To:** Missildine, Andrea K <[andrea.missildine@gapac.com](mailto:andrea.missildine@gapac.com)>  
**Cc:** Bush, Brandon <[brandon.bush1@gapac.com](mailto:brandon.bush1@gapac.com)>; Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>  
**Subject:** FW: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Sent by an external sender

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Good afternoon Andrea,

Thank you for your email. A working draft permit was sent for your review on November 4, please see the email below. Please let me know if you have any questions.

Have a nice weekend.

Regards.

*German Rodriguez Ortiz*

Environmental Permit Specialist  
OA/Air Permits Division/OP Section (Title V)  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)





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**From:** German Ortiz

**Sent:** Tuesday, November 4, 2025 10:15 AM

**To:** 'Frimpong, Kofi' <[KOFI.FRIMPONG@GAPAC.COM](mailto:KOFI.FRIMPONG@GAPAC.COM)>

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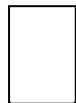
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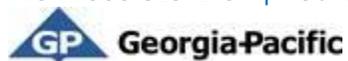
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# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
Georgia-Pacific Panel Products LLC

AUTHORIZING THE OPERATION OF  
Diboll Complex  
Diboll Particleboard Operations  
Sawmills

LOCATED AT  
Angelina County, Texas  
Latitude 31° 11' 46" Longitude 94° 47' 18"  
Regulated Entity Number: RN104725445

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

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

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

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

Permit No:           O1148           Issuance Date:           October 10, 2022          

\_\_\_\_\_  
For the Commission

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## General Terms and Conditions

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

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

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

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

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

## Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts DDDD, ZZZZ, and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, §§ 113.870, 113.1090, and 113.1130 which incorporates the 40 CFR Part 63 Subparts by reference.

- F. 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) Title 30 TAC § 101.372 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
  - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
  - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
  - (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 Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit

holder shall comply with the following requirements for stationary vents at the site subject to this standard:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(1)(E)
- (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
  - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
  - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
  - (3) Records of all observations shall be maintained.
  - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet

prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (5) Compliance Certification:
- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
  - (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

- B. 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)
  - (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<sub>x</sub>, 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 emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet 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) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. 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)
- (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<sub>x</sub>, 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 source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source 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) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. 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.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
- (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
- (i) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
  - (ii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
  - (iii) 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 stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
- (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
  - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
  - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

**Additional Monitoring Requirements**

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

- B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
  - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
  - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
  - E. The permit holder shall comply with either of the following requirements for any particulate matter capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective action:
    - (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
    - (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.
  - F. The permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:
    - (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
    - (ii) Once a month, the permit holder shall inspect the valves checking the position of the valves and the condition of the car seals. Identify all times when the car seal has been broken and the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.
  - G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" 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 permit

holder 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 or minimum frequency 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. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

#### **New Source Review Authorization Requirements**

8. 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 (including the permits by rule identified in the PBR Supplemental Tables dated ~~November 4, 2024~~September 29, 2025 in the application for project 32855), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
  - A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
9. 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.
10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

**Commented [AM1]:** Please update to represent the version of the form submitted with this minor revision application.

#### **Compliance Requirements**

11. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
12. Use of Discrete Emission Credits to comply with the applicable requirements:
  - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

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

**Protection of Stratospheric Ozone**

13. 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 or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants 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.

**Permit Location**

14. 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)**

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

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

**Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Applicable Requirements Summary**

**Unit Summary ..... 14**

**Applicable Requirements Summary ..... 18**

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

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PB-40	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-40	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-41	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-41	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-44	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-44	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-46	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-46	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-47	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-47	<a href="#">REINFORCED PLASTIC COMPOSITES PRODUCTION PLYWOOD</a>	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.

**Commented [AM2]:** The rule name for 40 CFR 63, Subpart DDDD is incorrect throughout the WDP. Please see updates.

**Unit Summary**

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	<a href="#">AND COMPOSITE WOOD PRODUCTS</a>				
PB-48	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-48	<a href="#">REINFORCED PLASTIC COMPOSITES PRODUCTION PLYWOOD AND COMPOSITE WOOD PRODUCTS</a>	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PB-49	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-49	<a href="#">REINFORCED PLASTIC COMPOSITES PRODUCTION PLYWOOD AND COMPOSITE WOOD PRODUCTS</a>	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PB-50	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-50	<a href="#">REINFORCED PLASTIC COMPOSITES PRODUCTION PLYWOOD AND COMPOSITE WOOD PRODUCTS</a>	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PB-53	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-55	EMISSION POINTS/STATIONARY	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
	VENTS/PROCESS VENTS				
PB-56	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-56	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-57A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-57A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-57B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-57B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-59	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-60	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-60	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-BOILER	BOILERS/STEAM	N/A	63DDDDD-1	40 CFR Part 63, Subpart	No changing attributes.

**Unit Summary**

<b>Unit/Group/ Process ID No.</b>	<b>Unit Type</b>	<b>Group/Inclusive Units</b>	<b>SOP Index No.</b>	<b>Regulation</b>	<b>Requirement Driver</b>
	GENERATORS/STEAM GENERATING UNITS			DDDDD	
PB-COREBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-COREBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-FACEBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
PB-FACEBIN	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-FIREPMP	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
PB-FIREPMP	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PB-PRESS	<a href="#">REINFORCED PLASTIC COMPOSITES PRODUCTION PLYWOOD AND COMPOSITE WOOD PRODUCTS</a>	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
PRO-MSCOAT	<a href="#">REINFORCED PLASTIC COMPOSITES PRODUCTION PLYWOOD AND COMPOSITE WOOD PRODUCTS</a>	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB-40	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-40	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-41	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						for Steam Generators).			
PB-41	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-44	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-44	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-46	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Processes		of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
PB-46	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-47	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-47	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1)	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	moisture content of less than or equal to 30 percent (by weight, dry basis); and operate with a 24-hour block average inlet dryer temperature of less than or equal to 600 F.	[G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-48	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-48	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet moisture content of less than or equal to 30 percent (by weight, dry basis);	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2)	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	and operate with a 24-hour block average inlet dryer temperature of less than or equal to 600 F.	§ 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-49	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-49	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet moisture content of less than or equal to 30 percent (by weight, dry basis); and operate with a 24-hour block average inlet dryer temperature of less	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than or equal to 600 F.			§ 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-50	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-50	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6)	For dry rotary dryers, you must process furnish with a 24-hour block average inlet moisture content of less than or equal to 30 percent (by weight, dry basis); and operate with a 24-hour block average inlet dryer temperature of less than or equal to 600 F.	§ 63.2260(b)-Table 6(1) § 63.2263 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) [G]§ 63.2269(c) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(e) § 63.2270(f) § 63.2271(a)-Table 8(1)	§ 63.2260(b)-Table 6(1) § 63.2260(b)-Table 6(6) § 63.2263 § 63.2269(a)(3) § 63.2271(a)-Table 8(1) § 63.2271(a)-Table 8(6) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(b)-Table 8(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2260(b)-Table 6(1) § 63.2260(c) § 63.2263 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)
PB-53	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-55	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-56	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Generators).			
PB-56	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-57A	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-57A	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PB-57B	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-57B	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-59	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-60	EP	R1151-1	PM	30 TAC Chapter 111,	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow,	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Nonagricultural Processes		or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
PB-60	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-BOILER	EU	63DDDDD-1	CO	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.10.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(2)-Table 4.8 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1)	For existing suspension burners with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, carbon monoxide (not using CEMS alternative) shall not exceed 2400 ppm by volume on a dry basis	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(c) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	corrected to 3 percent oxygen, 3-run average, using specified sampling volume or test run duration.	§ 63.7515(g) § 63.7520(a) § 63.7520(b) [G]§ 63.7520(b)-Table 5.5 § 63.7520(c) § 63.7520(d) § 63.7520(f) § 63.7525(a) § 63.7525(a)(1) [G]§ 63.7525(a)(2) § 63.7525(a)(3) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7530(b)(4)(viii) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)		[G]§ 63.7550(h)
PB-BOILER	EU	63DDDDD-1	Hydrogen Chloride	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1)	For existing units in all subcategories with heat input capacity of 10 million Btu per hour or greater designed to burn solid fuel, hydrogen chloride shall not exceed 0.022 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) [G]§ 63.7540(a)(2) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(a)(4) § 63.7540(d)		[G]§ 63.7520(b)-Table 5.3 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(4)		
PB-BOILER	EU	63DDDDD-1	Mercury	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	For existing units in all subcategories with heat input capacity of 10 million Btu per hour or greater designed to burn solid fuel, mercury shall not exceed 0.0000057 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) [G]§ 63.7510(a)(2) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b) [G]§ 63.7520(b)-Table 5.4 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) [G]§ 63.7540(a)(2) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(6)		
PB-BOILER	EU	63DDDDD-1	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.10.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.4.a § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	For existing suspension burners with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, filterable particulate matter shall not exceed 0.051 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(a) § 63.7510(a)(1) [G]§ 63.7510(a)(2) § 63.7510(d) § 63.7510(e) § 63.7510(k) § 63.7515(a) § 63.7515(b) § 63.7515(c) § 63.7515(g) § 63.7520(a) § 63.7520(b) § 63.7520(b)-Table 5.1 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) § 63.7535(a) § 63.7535(b)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)		
PB-BOILER	EU	63DDDDD-1	PM (Opacity)	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(2)-Table 4.4.a § 63.7500(a)(1) [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(d)	When complying with Table 1, 2, 11, 12, or 13 emission limit using an ESP control that operates as a dry control system (i.e., an ESP without a wet scrubber) without a PM CPMS, maintain opacity to less than or equal to 10 percent opacity or the highest hourly average opacity reading measured during the performance test run demonstrating compliance with the PM or TSM emission limitation.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(e) § 63.7510(k) § 63.7515(g) § 63.7525(c) § 63.7530(a) § 63.7530(b) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)
PB-COREBIN	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this	** See CAM Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						title (relating to Emissions Limits for Steam Generators).			
PB-COREBIN	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-FACEBIN	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
PB-FACEBIN	EP	R1111-1	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	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						begun after January 31, 1972.			
PB-FIREPMP	EP	R1111-1	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.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
PB-FIREPMP	EU	63ZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PB-PRESS	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2240(b)-Table 1B(1) § 63.2240 § 63.2240(b)-Table 2(1) § 63.2241(a)-Table 3(6) § 63.2250(e) § 63.2250(f) § 63.2250(f)(1) § 63.2250(f)(2) § 63.2250(f)(5) § 63.2250(f)(6) § 63.2250(g) § 63.2260(b)-Table 5(2) § 63.2260(b)-Table 6(6) § 63.2271(a)-Table 7(1) § 63.2271(a)-Table 8(6)	For each reconstituted wood product press, reduce emission of total HAP, measured as THC (as carbon), by 90 percent.	§ 63.2260(a)-Table 2(1) § 63.2260(b)-Table 5(2) § 63.2260(b)-Table 6(6) § 63.2262(a)-Table 4(1) § 63.2262(a)-Table 4(1) 4(11) § 63.2262(a)-Table 4(2) § 63.2262(a)-Table 4(3) § 63.2262(a)-Table 4(4) § 63.2262(a)-Table 4(5) § 63.2262(a)-Table 4(9) § 63.2262(b) § 63.2262(c) § 63.2262(d)(1) § 63.2262(e)	§ 63.2260(b)-Table 5(2) § 63.2260(b)-Table 6(6) § 63.2269(a)(3) § 63.2271(a)-Table 7(1) § 63.2282(a) § 63.2282(a)(1) [G]§ 63.2282(a)(2) § 63.2282(a)(4) § 63.2282(b)-Table 7(1) § 63.2282(b)-Table 8(6) § 63.2282(f) [G]§ 63.2283	§ 63.2260(b)-Table 5(6) § 63.2260(c) § 63.2267 § 63.2271(b) § 63.2271(b)(4) § 63.2280(a) § 63.2280(b) § 63.2280(c) § 63.2280(d) § 63.2280(d)(2) § 63.2280(g) § 63.2280(g)(1) § 63.2280(g)(3) § 63.2281(a)-Table 9(1) § 63.2281(a)-Table 9(2)

**Applicable Requirements Summary**

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.2262(g)(1) § 63.2262(h) § 63.2262(k) § 63.2262(k)(1) § 63.2262(k)(2) § 63.2267 § 63.2269(a) § 63.2269(a)(1) § 63.2269(a)(2) [G]§ 63.2269(b) § 63.2270(a) § 63.2270(b) § 63.2270(c) § 63.2270(d) § 63.2270(f) § 63.2271(a)-Table 7(1) § 63.2271(a)-Table 7(7)		§ 63.2281(a)-Table 9(3) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(4) § 63.2281(c)(5) § 63.2281(c)(5)(i) § 63.2281(c)(5)(ii) § 63.2281(c)(7) § 63.2281(c)(8) [G]§ 63.2281(e) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(i) [G]§ 63.2281(k) [G]§ 63.2281(l)
PRO-MSCOAT	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2241(a)-Table 3(5) § 63.2250(e) § 63.2250(f) § 63.2250(g)	Group 1 miscellaneous coating operations must use non-HAP coatings as defined in §63.2292.	§ 63.2260(b)-Table 6(5) § 63.2271(a)-Table 8(5)	§ 63.2260(b)-Table 6(5) § 63.2271(a)-Table 8(5) § 63.2282(a) § 63.2282(a)(1) § 63.2282(b)-Table 8(5) [G]§ 63.2283	§ 63.2260(b)-Table 6(5) § 63.2260(c) § 63.2271(b) § 63.2280(a) § 63.2280(b) § 63.2280(d) § 63.2280(d)(1) § 63.2281(a)-Table 9(1) [G]§ 63.2281(b) § 63.2281(c) § 63.2281(c)(1) § 63.2281(c)(2) § 63.2281(c)(3) § 63.2281(c)(7) [G]§ 63.2281(d) § 63.2281(g) § 63.2281(h) [G]§ 63.2281(k) [G]§ 63.2281(l)

**Additional Monitoring Requirements**

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**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-40	
Control Device ID No.: PB-BAG-40	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-41	
Control Device ID No.: PB-BAG-41	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-44	
Control Device ID No.: PB-ESP-44	Control Device Type: Wet or dry electrostatic precipitator
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Opacity	
Minimum Frequency: Six times per minute*	
Averaging Period: 3-hour block average of 6-minute averages	
Deviation Limit: Maximum opacity = 10% (only applies while burning Sanderdust fuel)	
<p>CAM Text: The COMS shall be installed, operated, and maintained according to Performance Specification 1 (PS-1) at 40 CFR Part 60, Appendix B. The COMS shall undergo a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit. The COMS shall be adjusted whenever the calibration drift exceeds the Specification of PS-1, or 2 percent opacity over a 24-hour period.</p> <p>* The permit holder may elect to collect monitoring data on a more frequent basis than is required and calculate the average as specified by the minimum frequency, 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-46	
Control Device ID No.: PB-BAG-46	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-56	
Control Device ID No.: PB-BAG-56	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-57A	
Control Device ID No.: PB-BAG-57A	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-57B	
Control Device ID No.: PB-BAG-57B	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-60	
Control Device ID No.: PB-60BH	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-COREBIN	
Control Device ID No.: PB-CB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**CAM Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-FACEBIN	
Control Device ID No.: PB-FB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per day	
Averaging Period: N/A	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 5%.	
<p>CAM Text: Visible emissions observations shall be made and recorded in accordance with the requirements specified in 40 CFR § 64.7(c). Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. If on a given day the unit operates only during a period in which light conditions are insufficient to conduct a valid visible emissions observation, as defined above, the permit holder shall conduct a visible emissions observation during daylight hours the next day that it operates. 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.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-40	
Control Device ID No.: PB-BAG-40	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-41	
Control Device ID No.: PB-BAG-41	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-44	
Control Device ID No.: PB-ESP-44	Control Device Type: Wet or dry electrostatic precipitator
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Opacity	
Minimum Frequency: Six times per minute*	
Averaging Period: Six Minutes	
Deviation Limit: Maximum Opacity = 30%	
<p>Periodic Monitoring Text: The COMS shall be installed, operated, and maintained according to Performance Specification 1 (PS-1) at 40 CFR Part 60, Appendix B. The COMS shall undergo a daily calibration drift assessment, a quarterly performance audit, and an annual zero alignment audit. The COMS shall be adjusted whenever the calibration drift exceeds the Specification of PS-1, or 2 percent opacity over a 24-hour period.</p> <p>*The permit holder may elect to collect monitoring data on a more frequent basis than is required and calculate the average as specified by the minimum frequency, 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.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-46	
Control Device ID No.: PB-BAG-46	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-47	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-48	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-49	
Control Device ID No.: PB-VRTO-49	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-50	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-53	
Control Device ID No.: PB-RTO-53	Control Device Type: Thermal incinerator (direct flame incinerator/regenerative thermal oxidizer)
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-55	
Control Device ID No.: PB-60BH	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 30%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-56	
Control Device ID No.: PB-BAG-56	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-57A	
Control Device ID No.: PB-BAG-57A	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-57B	
Control Device ID No.: PB-BAG-57B	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-59	
Control Device ID No.: PB-BF-59	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-60	
Control Device ID No.: PB-60BH	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-COREBIN	
Control Device ID No.: PB-CB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-FACEBIN	
Control Device ID No.: PB-FB-FF	Control Device Type: Fabric filter
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Periodic Monitoring Summary**

<b>Unit/Group/Process Information</b>	
ID No.: PB-FIREPMP	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
<b>Monitoring Information</b>	
Indicator: Visible Emissions	
Minimum Frequency: Once per calendar quarter	
Averaging Period: n/a*	
Deviation Limit: If visible emissions are observed, the permit holder shall report a deviation or perform a Test Method 9 and report a deviation if opacity exceeds 20%.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Visible emissions observations shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. 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.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If a Test Method 9 is performed, the opacity limit is the corresponding opacity limit in the underlying applicable requirement. If the result of the Test Method 9 is opacity above the corresponding opacity limit, the permit holder shall report a deviation.</p>	

**Permit Shield**

**Permit Shield ..... 64**

### Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
B4-TK	N/A	40 CFR Part 60, Subpart Kb	Storage tank with a capacity less than 75 cubic meters.
B6-TK	N/A	40 CFR Part 60, Subpart Kb	Storage tank with a capacity less than 75 cubic meters.
PB-BOILER	N/A	40 CFR Part 60, Subpart D	Steam generating unit with a heat input rating less than 73 MW (250 MMBtu/hr).
PB-BOILER	N/A	40 CFR Part 60, Subpart Db	Steam generating unit with a heat input rating of less than 29 MW (100 MMBtu/hr).
PB-BOILER	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit that last commenced construction, modification, or reconstruction prior to June 9, 1989.
PB-FIREPMP	N/A	40 CFR Part 60, Subpart IIII	Stationary compression ignition internal combustion engine that commenced construction before July 11, 2005 and has not been modified or reconstructed after July 11, 2005.
PB-MVDISP	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facility located in a covered attainment county.
PB-OILLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and/or unloading of VOC other than gasoline in a covered attainment county.
PB-RESINLD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and/or unloading of VOC other than gasoline in a covered attainment county.
PB-USEDIOIL	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading and/or unloading of VOC other than gasoline in a covered attainment county.

**New Source Review Authorization References**

**New Source Review Authorization References ..... 66**  
**New Source Review Authorization References by Emission Unit ..... 67**

**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.

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: PSDTX865	Issuance Date: 11/04/2025
<b>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.</b>	
Authorization No.: §116.119(a)(2)(B)	Effective Date: 09/04/2000
Authorization No.: 5207	Issuance Date: 11/04/2025
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.392	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

**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.

<b>Unit/Group/Process ID No.</b>	<b>Emission Unit Name/Description</b>	<b>New Source Review Authorization**</b>
B4-TK	HEAVY HYDRAULIC OIL TANK	106.472/09/04/2000
B6-TK	B6 HYDRAULIC OIL TANK	106.472/09/04/2000
PB-40	HAMMERMILL NOS. 3 AND 5 CYCLONE AND BAGHOUSE STACK	5207, PSDTX865
PB-41	HAMMERMILL NOS. 1 AND 2 CYCLONE AND BAGHOUSE STACK	5207, PSDTX865
PB-44	SANDER DUST BOILER ESP STACK	5207, PSDTX865
PB-46	SANDER DUST FUEL BIN VENT	5207, PSDTX865
PB-47	DRYER NO. 1 MULTICLONE STACK	5207, PSDTX865
PB-48	DRYER NO. 2 MULTICLONE STACK	5207, PSDTX865
PB-49	DRYER NO. 3 VRTO STACK	5207, PSDTX865
PB-50	DRYER NO. 4 MULTICLONE STACK	5207, PSDTX865
PB-53	PB PRESS RTO STACK	5207, PSDTX865
PB-55	BOARD COOLER VENT	5207, PSDTX865
PB-56	BOARD SAWING (HOG RECLAIM CYCLONE) BAGHOUSE STACK	5207, PSDTX865
PB-57A	BOARD SANDING CYCLONE AND BAGHOUSE NO. 1 STACK	5207, PSDTX865
PB-57B	BOARD SANDING BAGHOUSE NO. 2 STACK	5207, PSDTX865
PB-59	RAW MATERIAL OVERS HAMMERMILL BAGHOUSE VENT	5207, PSDTX865
PB-60	MAT REJECTS AND WEIGHING CYCLONE & BAGHOUSE STACK	5207, PSDTX865
PB-BOILER	SANDER DUST BOILER	5207, PSDTX865
PB-COREBIN	CORE DRY BIN VENT	5207, PSDTX865
PB-FACEBIN	FACE DRY BIN VENT	5207, PSDTX865
PB-FIREPMP	FIRE WATER PUMP ENGINE	106.511/09/04/2000

**New Source Review Authorization References by Emissions Unit**

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PB-MVDISP	PB GASOLINE FUEL DISPENSING	106.412/09/04/2000
PB-OILLOAD	OIL UNLOADING	106.472/09/04/2000
PB-PRESS	PARTICLEBOARD PRESS	5207, PSDTX865
PB-RESINLD	RESIN UNLOADING AND LOADING	106.472/09/04/2000
PB-USED OIL	USED OIL LOADING	106.472/09/04/2000
PRO-MSCOAT	GROUP 1 MISCELLANEOUS COATING OPERATIONS	116.119(A)(2)(B)

\*\*This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

**Appendix A**

**Acronym List ..... 70**

### 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
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (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
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub>	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
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO <sub>2</sub>	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

**Appendix B**

**Major NSR Summary Table ..... 72**

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: <u>02/14/2022</u> <u>11/04/2025</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PB-32-FU	Truck Dump (5)	PM	0.33	0.54	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.16	0.26			
		PM <sub>2.5</sub>	0.02	0.04			
PB-33-FU	Raw Material Storage (RMS) Building (5)	PM	0.47	0.72	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.22	0.34			
		PM <sub>2.5</sub>	0.03	0.05			
PB-40	Hammermill Nos. 3 and 5 Feed Material Cyclone and Baghouse Stack (8)	VOC (11)	20.06	50.64	<u>232, 254, 276, 376, 398, 4039, 440</u>	<u>254, 440, 432, 454, 465</u>	<u>254, 387, 398, 4039, 421, 432, 454</u>
		PM	4.65	11.75			
		PM <sub>10</sub>	4.65	11.75			
		PM <sub>2.5</sub>	1.47	3.72			
		Methanol	1.35	3.40			
Total HAPs	1.59	4.02					
PB-41	Hammermill Nos. 1 and 2 Feed Material Cyclone and Baghouse Stack (8)	VOC (11)	20.06	50.64	<u>2322, 2524, 2726, 3736, 3938, 4039, 4140</u>	<u>2524, 4140, 4342, 4544, 4645</u>	<u>2524, 3837, 3938, 4039, 4241, 4342, 4544</u>
		PM	4.65	11.75			
		PM <sub>10</sub>	4.65	11.75			
		PM <sub>2.5</sub>	1.47	3.72			
		Methanol	1.35	3.40			
Total HAPs	1.59	4.02					
PB-44	Sander Dust Boiler Electrostatic Precipitator Stack	VOC (12)	0.48	2.10	<u>3, 4, 2322, 2726, 2827, 2928, 3029, 3430, 3736, 3938, 4039, 4440</u>	<u>4, 2827, 3029, 3430, 4140, 4342, 4544, 4645</u>	<u>4, 3430, 3837, 3938, 4039, 4241, 4342, 4544</u>
		NO <sub>x</sub>	62.88	275.43			
		SO <sub>2</sub>	0.37	1.61			
		PM	2.73	11.94			
		PM <sub>10</sub>	2.20	9.62			
		PM <sub>2.5</sub>	2.01	8.81			
		CO	75.27	329.66			
		Hydrochloric Acid	0.02	0.07			
		Total HAPs	0.25	1.08			
PB-46	Sander Dust Fuel Bin Vent	VOC (11)	0.04	0.17	<u>2322, 2524, 2726, 3736, 3938,</u>	<u>2524, 4140, 4342, 4544,</u>	<u>2524, 3837, 3938, 4039,</u>
		PM	0.75	2.10			

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: <a href="#">02/14/2022</a> <a href="#">11/04/2025</a>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		PM <sub>10</sub>	0.55	1.54	<a href="#">4039</a> , <a href="#">4440</a>	<a href="#">4645</a>	<a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		PM <sub>2.5</sub>	0.39	1.11			
		Total HAPs	0.03	0.14			
PB-47	Dryer No. 1 Multiclone Stack (9)	VOC (11)	24.77	---	3, 4, <del>22</del> , <del>2322</del> , <a href="#">2423</a> , <del>2726</del> , <del>3736</del> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	4, <a href="#">2423</a> , <a href="#">4440</a> , <del>4342</del> , <del>4544</del> , <a href="#">4645</a>	4, <del>3837</del> , <del>3938</del> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		NO <sub>x</sub>	6.30	---			
		SO <sub>2</sub>	0.07	---			
		PM	9.96	---			
		PM <sub>10</sub> (13)	9.41	---			
		PM <sub>2.5</sub> (13)	3.73	---			
		CO	5.90	---			
		Acetaldehyde	0.13	---			
		Acrolein	0.13	---			
		Benzene	0.01	---			
		Formaldehyde	0.34	---			
		Hydrochloric Acid	0.66	---			
		Manganese	0.02	---			
		Methanol	0.37	---			
Phosphorus	0.08	---					
Total HAPs	2.13	---					
PB-48	Dryer No. 2 Multiclone Stack (9)	VOC (11)	24.77	---	3, 4, <del>22</del> , <del>2322</del> , <a href="#">2423</a> , <del>2726</del> , <del>3736</del> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	4, <a href="#">2423</a> , <a href="#">4440</a> , <del>4342</del> , <del>4544</del> , <a href="#">4645</a>	4, <del>3837</del> , <del>3938</del> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		NO <sub>x</sub>	6.30	---			
		SO <sub>2</sub>	0.07	---			
		PM	9.96	---			
		PM <sub>10</sub> (13)	9.41	---			
		PM <sub>2.5</sub> (13)	3.73	---			
		CO	5.90	---			
		Acetaldehyde	0.13	---			
		Acrolein	0.13	---			
		Benzene	0.01	---			

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

Major NSR Summary Table

Permit Numbers: 5207 and PSDTX865					Issuance Date: <a href="#">02/14/2022</a> <del>11/04/2025</del>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		Formaldehyde	0.34	---			
		Hydrochloric Acid	0.66	---			
		Manganese	0.02	---			
		Methanol	0.37	---			
		Phosphorus	0.08	---			
		Total HAPs	2.13	---			
PB-49	Dryer No. 3 Valveless Regenerative Thermal Oxidizer (VRTO) Stack	VOC (11)	4.27	10.78	3, 4, <del>22, 2322, 2423, 2726, 3231, 3332, 3736, 3938, 4039, 4440</del>	4, <del>2423, 3231, 3332, 4440, 4342, 4544, 4645</del>	4, <del>3837, 3938, 4039, 4140, 4342, 4544</del>
		NO <sub>x</sub>	10.60	34.74			
		SO <sub>2</sub>	0.07	0.30			
		PM	10.17	25.67			
		PM <sub>10</sub>	10.17	25.67			
		PM <sub>2.5</sub>	10.17	25.67			
		CO	5.90	14.88			
		Hydrochloric Acid	0.45	1.13			
Total HAPs	0.71	1.93					
PB-50	Dryer No. 4 Multiclone Stack (9)	VOC (11)	24.77	---	3, 4, <del>22, 2322, 2423, 2726, 3736, 3938, 4039, 4440</del>	4, <del>2423, 4140, 4342, 4544, 4645</del>	4, <del>3837, 3938, 4039, 4241, 4342, 4544</del>
		NO <sub>x</sub>	6.30	---			
		SO <sub>2</sub>	0.07	---			
		PM	9.96	---			
		PM <sub>10</sub> (13)	9.41	---			
		PM <sub>2.5</sub> (13)	3.73	---			
		CO	5.90	---			
		Acetaldehyde	0.13	---			
		Acrolein	0.13	---			
		Benzene	0.01	---			
		Formaldehyde	0.34	---			
		Hydrochloric Acid	0.66	---			

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: <a href="#">02/14/2022</a> <a href="#">11/04/2025</a>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
		Manganese	0.02	---			
		Methanol	0.37	---			
		Phosphorus	0.08	---			
		Total HAPs	2.13	---			
PB-47, PB-48, & PB-50	Dryer Nos. 1, 2, and 4 (9)	VOC (11)	---	209.62	<i>See entries for individual dryers above.</i>		
		NO <sub>x</sub>	---	53.30			
		SO <sub>2</sub>	---	0.57			
		PM	---	84.31			
		PM <sub>10</sub> (13)	---	79.63			
		PM <sub>2.5</sub> (13)	---	31.54			
		CO	---	49.88			
		Acetaldehyde	---	1.08			
		Acrolein	---	1.07			
		Benzene	---	0.05			
		Formaldehyde	---	2.91			
		Hydrochloric Acid	---	5.54			
		Manganese	---	0.16			
		Methanol	---	3.15			
Phosphorus	---	1.00					
		Total HAPs	---	18.49			
PB-COREBIN	Core Dry Bin Vent	VOC (14)	0.13	0.55	<a href="#">2322</a> , <a href="#">2524</a> , <a href="#">2726</a> , <a href="#">3736</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	<a href="#">2524</a> , <a href="#">4440</a> , <a href="#">4342</a> , <a href="#">4544</a> , <a href="#">4645</a>	<a href="#">2524</a> , <a href="#">3837</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4240</a> , <a href="#">4342</a> , <a href="#">4544</a>
		PM	0.01	0.06			
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	0.01	0.06			
		Total HAPs	0.03	0.15			
PB-FACEBIN	Face Dry Bin Vent	VOC (14)	0.13	0.55	<a href="#">2322</a> , <a href="#">2524</a> , <a href="#">2726</a> , <a href="#">3736</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	<a href="#">2524</a> , <a href="#">4440</a> , <a href="#">4342</a> , <a href="#">4544</a> , <a href="#">4645</a>	<a href="#">2524</a> , <a href="#">3837</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		PM	0.01	0.06			
		PM <sub>10</sub>	0.01	0.06			
		PM <sub>2.5</sub>	0.01	0.06			

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

Major NSR Summary Table

Permit Numbers: 5207 and PSDTX865					Issuance Date: <a href="#">02/14/2022</a> <a href="#">11/04/2025</a>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PB-53	PB Press Regenerative Thermal Oxidizer (RTO) Stack	Total HAPs	0.03	0.15	3, 4, <a href="#">2322</a> , <a href="#">2726</a> , <a href="#">3435</a> , <a href="#">3534</a> , <a href="#">3736</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	4, <a href="#">3433</a> , <a href="#">3534</a> , <a href="#">4440</a> , <a href="#">4342</a> , <a href="#">4544</a> , <a href="#">4645</a>	4, <a href="#">3837</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		VOC (11)	1.66	3.21			
		NO <sub>x</sub>	3.94	17.30			
		SO <sub>2</sub>	<0.01	0.01			
		PM	0.78	2.18			
		PM <sub>10</sub>	0.45	1.26			
		PM <sub>2.5</sub>	0.35	0.97			
		CO	4.80	21.00			
		Formaldehyde	0.87	1.82			
		Methyl Isobutyl Ketone	0.48	1.35			
	Total HAPs	2.03	4.10				
PB-53-FU	Press Fugitives (5)	VOC (11)	4.27	10.04	4, <a href="#">2322</a> , <a href="#">2726</a> , <a href="#">3736</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	4, <a href="#">4440</a> , <a href="#">4342</a> , <a href="#">4544</a> , <a href="#">4645</a>	4, <a href="#">3837</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		PM	0.11	0.32			
		PM <sub>10</sub>	0.06	0.16			
		PM <sub>2.5</sub>	0.05	0.14			
	Total HAPs	0.87	0.47				
PB-55	Board Cooler Vent	VOC (11)	7.72	21.74	<a href="#">2322</a> , <a href="#">3736</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	<a href="#">4440</a> , <a href="#">4342</a> , <a href="#">4544</a> , <a href="#">4645</a>	<a href="#">3837</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		PM	2.02	5.69			
		PM <sub>10</sub>	2.02	5.69			
		PM <sub>2.5</sub>	1.88	5.30			
		Formaldehyde	0.40	1.13			
		Methanol	0.95	2.68			
	Total HAPs	1.71	4.81				
PB-56	Board Sawing (Hog Reclaim Cyclone) Baghouse Stack	VOC (11)	1.78	5.02	<a href="#">2322</a> , <a href="#">2524</a> , <a href="#">2726</a> , <a href="#">3736</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4440</a>	<a href="#">2524</a> , <a href="#">4440</a> , <a href="#">4342</a> , <a href="#">4544</a> , <a href="#">4645</a>	<a href="#">2524</a> , <a href="#">3837</a> , <a href="#">3938</a> , <a href="#">4039</a> , <a href="#">4241</a> , <a href="#">4342</a> , <a href="#">4544</a>
		PM	0.72	3.16			
		PM <sub>10</sub>	0.57	2.49			
		PM <sub>2.5</sub>	0.46	2.02			
		Methanol	0.50	1.40			
	Total HAPs	0.61	1.72				

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: <u>02/14/2022</u> <u>11/04/2025</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
PB-57A	Board Sanding Cyclone and Baghouse No. 1 Stack (10)	VOC (11)	1.58	4.46	<u>2322, 2524, 2726, 3736, 3938, 4039, 4440</u>	<u>2524, 4440, 4342, 4544, 4645</u>	<u>2524, 3837, 3938, 4039, 4241, 4342, 4544</u>
		PM	1.25	3.53			
		PM <sub>10</sub>	1.25	3.53			
		PM <sub>2.5</sub>	0.87	2.44			
		Acetaldehyde	0.12	0.35			
		Formaldehyde	0.01	0.02			
		Methanol	0.37	1.06			
		Phenol	0.14	0.40			
Total HAPs	0.65	1.82					
PB-57B	Board Sanding Baghouse No. 2 Stack (10)	VOC (11)	5.14	14.47	<u>2322, 2524, 2726, 3736, 3938, 4039, 4440</u>	<u>2524, 4440, 4342, 4544, 4645</u>	<u>2524, 3837, 3938, 4039, 4241, 4342, 4544</u>
		PM	4.15	11.67			
		PM <sub>10</sub>	4.15	11.67			
		PM <sub>2.5</sub>	3.12	8.78			
		Acetaldehyde	0.37	1.04			
		Formaldehyde	0.08	0.23			
		Methanol	1.30	3.66			
		Phenol	0.43	1.21			
Total HAPs	2.18	6.15					
PB-58-FU	Refiner Belt Conveyors (5)	PM	0.27	0.72	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.13	0.34			
		PM <sub>2.5</sub>	0.02	0.05			
PB-59	Raw Material Overs Hammermill Baghouse Vent	VOC (11)	2.01	5.06	<u>2322, 2524, 2726, 3736, 3938, 4039, 4440</u>	<u>2524, 4440, 4342, 4544, 4645</u>	<u>2524, 3837, 3938, 4039, 4241, 4342, 4544</u>
		PM	0.07	0.17			
		PM <sub>10</sub>	0.07	0.17			
		PM <sub>2.5</sub>	0.07	0.17			
		Total HAPs	0.16	0.40			
PB-59-FU	Overs Belt Conveyor (5)	PM	0.01	0.03	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.01	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
PB-60	Mat Rejects and	VOC (11)	0.39	1.09			

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

**Major NSR Summary Table**

Permit Numbers: 5207 and PSDTX865					Issuance Date: <u>02/14/2022</u> <u>11/04/2025</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour (7)	TPY (4)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
	Weighing Cyclone and Baghouse Stack	PM	0.34	0.79	<u>2322, 2524, 2726, 3736, 3938, 4039, 4440</u>	<u>2524, 4440, 4342, 4544, 4645</u>	<u>2524, 3837, 3938, 4039, 4241, 4342, 4544</u>
		PM <sub>10</sub>	0.25	0.58			
		PM <sub>2.5</sub>	0.18	0.42			
		Total HAPs	0.14	0.38			
PB-61-FU	Material Cleanup (5)	PM	0.23	0.58	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.11	0.27			
		PM <sub>2.5</sub>	0.02	0.04			
PB-62-FU	Sanderdust Truck Loading (5)	PM	0.06	0.01	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.03	0.01			
		PM <sub>2.5</sub>	<0.01	<0.01			
PB-63-FU	Fuel Transfer (5)	PM	0.01	0.05	<u>2625</u>	<u>2625, 4645</u>	<u>2625</u>
		PM <sub>10</sub>	0.01	0.02			
		PM <sub>2.5</sub>	<0.01	<0.01			

**Commented [AM3]:** Please see the update to the Major NSR Summary Table. These changes are associated with the removal of Special Condition No. 22 of NSR Permit No. 5207 with the recently issued alteration.

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide  
 HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C, including methanol and formaldehyde totals.
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included, as well as planned maintenance activities identified as part of permit alteration issued on March 28, 2013.
- (7) Compliance with hourly emission rates for all non-fugitive sources shall be demonstrated on a 3-hour average basis. Compliance with hourly emission rates for all fugitive sources shall be demonstrated on a daily average basis.
- (8) Compliance will be maintained as the sum of the emissions from Hammermill Nos. 1 and 2, and Nos. 3 and 5. Georgia Pacific will maintain records of production for each dryer to verify that the annual total limit is not exceeded.

- (9) Annual compliance will be maintained as the sum of the emissions from Dryer Nos. 1, 2, and 4. Georgia Pacific will maintain records of production for each dryer to verify that the annual total limit is not exceeded.
- (10) Annual compliance will be maintained as the sum of emissions from two Sander Baghouses.
- (11) VOC presented on a Wood Products Protocol No. 1 (WPP1) basis.
- (12) VOC presented on a propane basis.
- (13) PM<sub>10</sub> and PM<sub>2.5</sub> emissions based on Method 5, Method 202, and Electrical Sensing Zone particle size distribution analysis.
- (14) VOC presented as sum of VOC compounds.
- (15) Compliance with the hourly emission rates NO<sub>x</sub>, SO<sub>2</sub>, and CO shall be demonstrated based on the sum of the emissions from EPNs PB-47, PB-48, and PB-50.

**From:** Frimpong, Kofi <kofi.frimpong@gapac.com>  
**Sent:** Wednesday, December 3, 2025 2:28 PM  
**To:** German Ortiz; Missildine, Andrea K  
**Cc:** Bush, Brandon  
**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)  
**Attachments:** SOP - O1148 Georgia-Pacific Panel Products LLC (Streamline, 39091) - GP Comments.docx

German,

Thanks for the opportunity to review the WDP. Our comments are included in tracked changes mode and with comment boxes in the application.

Regards,

**Kofi Frimpong, P.E.**

Complex Environmental Manager

Lumber and Particleboard Facilities - Diboll, TX

Work: 936-829-1797 | Mobile: 936-208-7317 | Fax: 936-829-1527



---

**From:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>  
**Sent:** Friday, November 7, 2025 3:23 PM  
**To:** Missildine, Andrea K <[andrea.missildine@gapac.com](mailto:andrea.missildine@gapac.com)>  
**Cc:** Bush, Brandon <[brandon.bush1@gapac.com](mailto:brandon.bush1@gapac.com)>; Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>  
**Subject:** FW: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Sent by an external sender

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Good afternoon Andrea,

Thank you for your email. A working draft permit was sent for your review on November 4, please see the email below. Please let me know if you have any questions.

Have a nice weekend.

Regards.

*German Rodriguez Ortiz*

Environmental Permit Specialist

OA/Air Permits Division/OP Section (Title V)

Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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**From:** German Ortiz  
**Sent:** Tuesday, November 4, 2025 10:15 AM  
**To:** 'Frimpong, Kofi' <[KOFI.FRIMPONG@GAPAC.COM](mailto:KOFI.FRIMPONG@GAPAC.COM)>  
**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good morning Mr. Frimpong,

I have conducted a technical review of this application and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

**Please review the WDP and submit to me any comments you have regarding it by 12/05/2025.** Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

Please review the "SOP Technical Review Fact Sheet" located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf). This guidance contains important information regarding the review process, application updates, WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly

signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

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

Thank you for your cooperation.

Sincerely,

German Rodriguez Ortiz, Permit Specialist  
OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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**From:** German Ortiz

**Sent:** Friday, October 17, 2025 1:02 PM

**To:** 'Frimpong, Kofi' <[KOFI.FRIMPONG@GAPAC.COM](mailto:KOFI.FRIMPONG@GAPAC.COM)>

**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

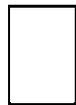
Good afternoon, Mr. Frimpong,

Sorry. That is correct, it is in regards the minor revision.

Thanks,

German Rodriguez Ortiz, Permit Specialist  
OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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**From:** Frimpong, Kofi <[KOFI.FRIMPONG@GAPAC.COM](mailto:KOFI.FRIMPONG@GAPAC.COM)>

**Sent:** Friday, October 17, 2025 12:25 PM

**To:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>

**Cc:** Missildine, Andrea K <[Andrea.Missildine@GAPAC.com](mailto:Andrea.Missildine@GAPAC.com)>; Bush, Brandon <[brandon.bush1@gapac.com](mailto:brandon.bush1@gapac.com)>

**Subject:** Re: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good Afternoon Mr Ortiz,

We currently dont have a pending Title V renewal for the Diboll Particleboard Operations. Is this in relation to the pending minor revision?

Thank you.

Regards,

**Kofi Frimpong, P.E.**

Complex Environmental Manager

Lumber and Particleboard Facilities - Diboll, TX

Work: 936-829-1797 | Mobile: 936-208-7317 | Fax: 936-829-1527



---

**From:** German Ortiz <[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)>

**Sent:** Friday, October 17, 2025 11:14 AM

**To:** Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>

**Subject:** Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Sent by an external sender

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Mr. Frimpong

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1148 for Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation. This application has been assigned Project No. 39091. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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Thank you for your cooperation.

Sincerely,

German Rodriguez Ortiz, Permit Specialist  
OA/Air Permits Division/OP Section  
Texas Commission on Environmental Quality  
MC-163, P.O. Box 13087  
Austin, TX 78711-3087  
Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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**From:** Frimpong, Kofi <KOFI.FRIMPONG@GAPAC.COM>  
**Sent:** Wednesday, December 10, 2025 11:40 AM  
**To:** German Ortiz  
**Cc:** Missildine, Andrea K; Bowling, Cliff; Bush, Brandon  
**Subject:** Re: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

Good Morning German,

Thank you for making the requested modifications to the WDP. We have reviewed the changes and approve them. At this time, we have no additional comments.

Regards,

**Kofi Frimpong, P.E.**

Complex Environmental Manager

Lumber and Particleboard Facilities - Diboll, TX

Work: 936-829-1797 |Mobile: 936-208-7317 |Fax: 936-829-1527



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**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

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Regards,

*German Rodriguez Ortiz*

Environmental Permit Specialist

OA/Air Permits Division/OP Section (Title V)

Texas Commission on Environmental Quality

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Good afternoon Andrea,

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Have a nice weekend.

Regards.

*German Rodriguez Ortiz*

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Complex Environmental Manager  
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Work: 936-829-1797 | Mobile: 936-208-7317 | Fax: 936-829-1527



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**Sent:** Friday, October 17, 2025 11:14 AM  
**To:** Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>  
**Subject:** Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

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**To:** 'Frimpong, Kofi'  
**Cc:** Missildine, Andrea K; Bowling, Cliff; Bush, Brandon  
**Subject:** RE: Technical Review -- O1148 Georgia-Pacific Panel Products LLC, Diboll Particleboard Operation (Minor Revision, 39091)

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Complex Environmental Manager

Lumber and Particleboard Facilities - Diboll, TX

Work: 936-829-1797 | Mobile: 936-208-7317 | Fax: 936-829-1527



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**Sent:** Thursday, December 4, 2025 9:40 AM

**To:** Frimpong, Kofi <[kofi.frimpong@gapac.com](mailto:kofi.frimpong@gapac.com)>; Missildine, Andrea K <[Andrea.Missildine@GAPAC.com](mailto:Andrea.Missildine@GAPAC.com)>

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Please notify me when these updates have been submitted.

**As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov) and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).**

Please review the “SOP Technical Review Fact Sheet” located at [http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title\\_V/sop\\_wdp\\_factsheet.pdf](http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf). This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

German Rodriguez Ortiz, Permit Specialist

OA/Air Permits Division/OP Section

Texas Commission on Environmental Quality

MC-163, P.O. Box 13087

Austin, TX 78711-3087

Phone: (512) 239-3348

[German.Ortiz@tceq.texas.gov](mailto:German.Ortiz@tceq.texas.gov)



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## Texas Commission on Environmental Quality

Title V Existing

1148

### Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	DIBOLL PARTICLEBOARD OPERATIONS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	700 W BORDEN ST
City	DIBOLL
State	TX
ZIP	75941
County	ANGELINA
Latitude (N) (##.#####)	31.196111
Longitude (W) (-###.#####)	94.788333
Primary SIC Code	2493
Secondary SIC Code	
Primary NAICS Code	321113
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN104725445
What is the name of the Regulated Entity (RE)?	GEORGIA-PACIFIC DIBOLL LUMBER OPERATIONS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	100 MARTIN LUTHER KING JR ST
City	DIBOLL
State	TX
ZIP	75941
County	ANGELINA
Latitude (N) (##.#####)	31.183333
Longitude (W) (-###.#####)	-94.788611
Facility NAICS Code	
What is the primary business of this entity?	

### Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN604375634
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Georgia-Pacific Panel Products LLC
Texas SOS Filing Number	801713263
Federal Tax ID	
State Franchise Tax ID	32049875332
State Sales Tax ID	
Local Tax ID	
DUNS Number	
Number of Employees	
Independently Owned and Operated?	

### Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	GEORGIA-PACIFIC PANEL PRODUCTS LLC
Prefix	MR
First	DAVID

Middle	
Last	THELEN
Suffix	
Credentials	
Title	AREA MANAGER OSB CP
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	700 W BORDEN DR
Routing (such as Mail Code, Dept., or Attn:)	
City	DIBOLL
State	TX
ZIP	75941
Phone (###-###-####)	9368291996
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9368291933
E-mail	david.thelen@gapac.com

## Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application	
Select existing DAR contact or enter a new contact.	ANDREW DOVER(GEORGIA-PACIFIC... )
Organization Name	GEORGIA-PACIFIC PANEL PRODUCTS LLC
Prefix	MR
First	ANDREW
Middle	
Last	DOVER
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	700 W BORDEN DR
Routing (such as Mail Code, Dept., or Attn:)	
City	DIBOLL
State	TX
Zip	75941
Phone (###-###-####)	9368291865
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	9368291933
E-mail	Andrew.Dover@gapac.com

## Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	KOFI FRIMPONG(GEORGIA-PACIFIC... )
Organization Name	GEORGIA-PACIFIC PANEL PRODUCTS LLC
Prefix	MR
First	KOFI
Middle	
Last	FRIMPONG
Suffix	
Credentials	
Title	COMPLEX ENVIRONMENTAL MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

700 W BORDEN DR

Routing (such as Mail Code, Dept., or Attn:)

City

DIBOLL

State

TX

ZIP

75941

Phone (###-###-####)

9368291797

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

Kofi.Frimpong@gapac.com

## Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	31 Deg 11 Min 46 Sec
3) Permit Longitude Coordinate:	94 Deg 47 Min 18 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Streamlined Revision
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

## Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?fileId=285206>DPO - Audit Title V Revision Application.pdf</a>  
Hash 7A8E63B94BC8805EC7FDF62C9DA053F7C8FAD0845DFB809CB054B01D2B50A72F  
MIME-Type application/pdf

An additional space to attach any other necessary information needed to complete the permit.

## Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application? No

## Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Andrew Dover, the owner of the STEERS account ER093186.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1148.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Andrew Dover OWNER OPERATOR

Account Number: ER093186  
Signature IP Address: 165.225.216.151  
Signature Date: 2025-09-29  
Signature Hash: D8E4D39E65627AA8D7B11DB5021F2BBD28C576E5EE4A9BF7ED03AD37F3FBC1D4  
Form Hash Code at time of Signature: F0D244A379C346EADC87C99AA190A2D8835B0FC4D493DF8AF13E2F57D2662A2B

## Submission

Reference Number: The application reference number is 821180  
Submitted by: The application was submitted by ER093186/Andrew Dover  
Submitted Timestamp: The application was submitted on 2025-09-29 at 15:09:38 CDT  
Submitted From: The application was submitted from IP address 165.225.216.151  
Confirmation Number: The confirmation number is 681423  
Steers Version: The STEERS version is 6.92  
Permit Number: The permit number is 1148

## Additional Information

Application Creator: This account was created by Andrea K Missildine

*Submitted electronically via ePermits*

September 29, 2025

Mr. Samuel Short  
 Deputy Director, Air Permit Division  
 c/o Air Permits Initial Review Team, MC 161  
 Texas Commission on Environmental Quality  
 P.O. Box 13087  
 Austin, TX 78711-3087

Re: Title V Permit Minor Revision Application  
 Federal Operating Permit No. O1148  
 Georgia-Pacific Panel Products LLC  
 Diboll Particleboard Operation  
 Diboll, Angelina County  
 Regulated Entity Number: RN104725445  
 Customer Reference Number: CN604375634  
 Account Number: AC-A005-E

Dear Mr. Short:

Georgia-Pacific Panel Products LLC (Georgia-Pacific) is submitting the attached Title V permit revision application for the Diboll Particleboard Operation located in Diboll, Angelina County, Texas. The plant operates under Federal Operating Permit (FOP) No. O1148.

At this time, Georgia-Pacific would like to clarify information regarding the resin, release agent, and wax tanks at the plant. The tanks and identifying information are listed in Table 1. In addition, an updated process flow diagram of the forming and pressing areas that correctly shows the tanks is included as Attachment A.

**TABLE 1. RESIN, RELEASE AGENT, AND WAX TANKS**

<b>Plant Identification</b>	<b>Current Title V Permit Unit ID (if applicable)</b>	<b>Tank Description</b>
MDI A Tank	MDI1-TK	11,832-gallon Resin (MDI) Tank
MDI B Tank	MDI2-TK	11,832-gallon Resin (MDI) Tank
MDI E Tank	MDI3-TK	12,456-gallon Resin (MDI) Tank
Release Tank (Large)	RA-TK	12,072-gallon Release Agent Tank
Release Tank (Small)		635-gallon Release Agent Tank
Wax Tank	WX-TK	12,121-gallon Wax Tank
Wax Use Tank		8,532-gallon Wax Tank



The tanks in Table 1 are existing and are not subject to any state or federal rules on a unit-level basis due to size and/or service. Therefore, as part of this minor revision, Georgia-Pacific proposes to remove the tanks from the permit, including associated entries on the Permit Shield.

Concurrent with this application, Georgia-Pacific submitted an application to alter NSR Permit No. 5207 to remove Special Condition No. 22. The condition requires an initial determination of compliance with the Maximum Allowable Emission Rates Table (MAERT) for Dryer Nos. 1-4 by conducting stack sampling or testing for particulate matter (PM), particulate matter equal to or less than 10 microns in diameter (PM<sub>10</sub>), particulate matter equal to or less than 2.5 microns in diameter (PM<sub>2.5</sub>), nitrogen oxides (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), volatile organic compounds (VOC), and carbon monoxide (CO). The required stack test was conducted for Dryer Nos. 1, 2, and 4 in October 2017.<sup>1</sup> Georgia-Pacific believes the compliance demonstration for this condition is complete and thus, the requirement can be removed from the NSR permit.

This submittal package constitutes a minor revision application to FOP No. O1184. Form OP-CRO1, Form OP-2, Form OP-SUMR, Form OP-REQ 1 (page 89 only), and Form OP-PBRSUP<sup>2</sup> are included as Attachment B. Georgia-Pacific requests that all permit changes identified in this application be established as provisional terms and conditions.

If you should require additional information, or if you have any questions during your review of this application, please contact Mr. Kofi Frimpong, Complex Environmental Manager, at (936) 829-1797 or via email at [Kofi.Frimpong@gapac.com](mailto:Kofi.Frimpong@gapac.com).

Sincerely,

Andrew Dover  
Plant Manager

Attachments

cc: Ms. Sarah Kirksey, Air Section Manager, Region 10, TCEQ – Beaumont  
(electronically via ePermits)  
Air Permits Section, EPA, Region VI – Dallas  
(via electronic mail to [R6AirPermitsTX@epa.gov](mailto:R6AirPermitsTX@epa.gov))

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<sup>1</sup> Dryer No. 3 has not operated since well before issuance of the renewal and amendment of NSR Permit No. 5207 on September 12, 2016; the dryer would need to be reauthorized as a new source to be restarted.

<sup>2</sup>Form OP-PBRSUP was included to update the references to the tanks that are the subject of this minor revision application. Other general updates were made such as updates to reflect current active PBR registrations for the plant.

**ATTACHMENT A**  
**PROCESS FLOW DIAGRAM**



**ATTACHMENT B**

**FORMS**

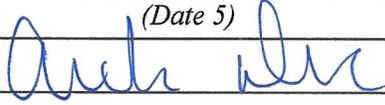
**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

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

<b>I. Identifying Information</b>	
RN: RN104725445	
CN: CN604375634	
Account No.: AC-A0005-E	
Permit No.: O1148	
Project No.: TBA	
Area Name: Diboll Particleboard Operation	
Company Name: Georgia-Pacific Panel Products LLC	
<b>II. Certification Type</b> <i>(Please mark appropriate box)</i>	
<input type="checkbox"/> Responsible Official Representative	<input checked="" type="checkbox"/> Duly Authorized Representative
<b>III. Submittal Type</b> <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>	
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____	

**Form OP-CRO1**  
**Certification by Responsible Official**  
**Federal Operating Permit Program**  
**Texas Commission on Environmental Quality**

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

<b>IV. Certification of Truth</b>			
<b>This certification does not extend to information which is designated by TCEQ as information for reference only.</b>			
I, <u>Andrew Dover</u>		certify that I am the <u>DAR</u>	
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From _____		to _____	
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: <u>09/29/2025</u> _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	
<i>(Date 3)</i>		<i>(Date 4)</i>	
<i>(Date 5)</i>		<i>(Date 6)</i>	
Signature: 		Signature Date: <u>09/29/2025</u>	
Title: <u>Plant Manager</u>			

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

Date: 09/29/2025	
Permit No.: O1184	
Regulated Entity No.: RN104725445	
Company Name: Georgia-Pacific Panel Products LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <span style="float: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</span>	
<b>I. Application Type</b>	
Indicate the type of application:	
<input type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
<b>II. Qualification Statement</b>	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

<b>III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)</b>						
Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>						
<input type="checkbox"/> VOC	<input type="checkbox"/> NO <sub>x</sub>	<input type="checkbox"/> SO <sub>2</sub>	<input type="checkbox"/> PM <sub>10</sub>	<input type="checkbox"/> CO	<input type="checkbox"/> Pb	<input type="checkbox"/> HAP
Other:						
<b>IV. Reference Only Requirements (For reference only)</b>						
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
<b>V. Delinquent Fees and Penalties</b>						
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

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

Date: 09/29/2025
Permit No.: O1184
Regulated Entity No.: RN104725445
Company Name: Georgia-Pacific Panel Products LLC

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	MDI1-TK	OP-SUMR	N/A	Remote emission unit from the permit (i.e., no unit-specific requirements).
2	MS-C	NO	MDI2-TK	OP-SUMR	N/A	Remote emission unit from the permit (i.e., no unit-specific requirements).
3	MS-C	NO	MDI3-TK	OP-SUMR	N/A	Remote emission unit from the permit (i.e., no unit-specific requirements).
4	MS-C	NO	PMDI-TK	OP-SUMR	N/A	Remote emission unit from the permit (i.e., no unit-specific requirements).
5	MS-C	NO	RA-TK	OP-SUMR	N/A	Remote emission unit from the permit (i.e., no unit-specific requirements).
6	MS-C	NO	WX-TK	OP-SUMR	N/A	Remote emission unit from the permit (i.e., no unit-specific requirements).
7	MS-A	NO	PB-47, PB-48, PB-49, PB-50	OP-REQ1	5207	Incorporate pending application to alter NSR Permit No. 5207 to remove Special Condition No. 22. See submittal letter for additional detail.

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

[Table 1](#)

Date	Permit No.	Regulated Entity No.
09/29/2025	O1184	RN104725445

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	MDI1-TK	OP-SUMR	MDI Tank		106.472/09/04/2000	
D	2	MDI2-TK	OP-SUMR	MDI Tank		106.472/09/04/2000	
D	3	MDI3-TK	OP-SUMR	MDI Tank		106.472/09/04/2000	
D	4	PMDI-TK	OP-SUMR	PMDI Tank		106.472/09/04/2000	
D	5	RA-TK	OP-SUMR	Release Agent Tank		106.472/09/04/2000	
D	6	WX-TK	OP-SUMR	Wax Tank		106.472/09/04/2000	
	7	PB-47	OP-REQ1	Dryer No. 1 Multiclone Stack		5207	PSDTX865
	7	PB-48	OP-REQ1	Dryer No. 2 Multiclone Stack		5207	PSDTX865
	7	PB-49	OP-REQ1	Dryer No. 3 Multiclone Stack		5207	PSDTX865
	7	PB-50	OP-REQ1	Dryer No. 4 Multiclone Stack		5207	PSDTX865

**Application Area-Wide Applicability Determinations and General Information  
Form OP-REQ1 (Page 89)  
Federal Operating Permit Program  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/29/2025	O1148	RN104725445

For SOP applications, answer ALL questions unless otherwise directed.

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

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

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
5207	TBD				
PSDTX865	TBD				
§116.119(a)(2)(B)	09/04/2000				

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

*A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.*

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date

- ◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

**Texas Commission on Environmental Quality  
Permit By Rule Supplemental Table (Page 1)**

**Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area**

Date	Permit Number	Regulated Entity Number
09/29/2025	O1148	RN104725445

Unit ID No.	Registration No.	PBR No.	Registration Date
PB-GRINDER, PB-GRDHNDL	146061	106.261	05/30/2017, 08/22/2017
PB-REFINER	162010	106.264	08/10/2020
PB-62-FU, PB-64-FU	165834	106.261	07/15/2021
PB-PRESS, PB-RTO	168679 <sup>1</sup>	106.261, 106.262	06/08/2022
PB-REFINER	170662	106.264	10/20/2022
PB-RAW STO	174228	106.261	10/26/2023
PB-CONVEYR	175171	106.264	02/02/2024
PB-CWCONV	176203	106.261	05/03/2014
BULLNOSE	179185	106.261, 106.262	03/19/2025
PB-CONVEYR, PB-OVRBELT	180088	106.264	05/21/2025

<sup>1</sup>This registration was for a trial and is complete. The plant has no plans to conduct any further trials under this PBR registration.  
TCEQ-20875 (APDG6535v1, revised 05/20) OP-PBRSUP  
This form for use by facilities subject to air quality permit requirements and may be revised periodically (Title V IMS Release 05/20)

**Texas Commission on Environmental Quality  
Permit By Rule Supplemental Table (Page 2)**

**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

Date	Permit Number	Regulated Entity Number
09/29/2025	O1148	RN104725445

Unit ID No.	PBR No.	Version No./Date
PB-WELD	106.227	09/04/2000
PB-MATHDL	106.263	11/01/2001
PB-SOLDVAC	106.263	11/01/2001
PB-SAND	106.263	11/01/2001
PB-ANACALB	106.263	11/01/2001
PB-MISCHEM	106.263	11/01/2001
PB-LINEPRG	106.263	11/01/2001
PB-LIQLOAD	106.263	11/01/2001
PB-FUELVNT	106.263	11/01/2001
PB-HANDHLD	106.265	09/04/2000
PB-COOLTWR	106.371	09/04/2000
PB-BELTRPR	106.392	09/04/2000

**Texas Commission on Environmental Quality**

**Permit By Rule Supplemental Table (Page 2)**

**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

Date	Permit Number	Regulated Entity Number
09/29/2025	O1148	RN104725445

Unit ID No.	PBR No.	Version No./Date
B1-TK	106.412	09/04/2000
B2-TK	106.412	09/04/2000
PB-COATING	106.433	09/04/2000
PB-PARTWSH <sup>1</sup>	106.454	11/01/2001
B3-TK	106.472	09/04/2000
MDI-TKS <sup>2</sup>	106.472	09/04/2000
RA-TKS <sup>3</sup>	106.472	09/04/2000
WX-TKS <sup>4</sup>	106.472	09/04/2000

<sup>1</sup>The plant has multiple parts washers that are included as part of this unit ID.

<sup>2</sup>The plant has multiple MDI tanks that are included as part of this unit ID.

<sup>3</sup>The plant has multiple release agent tanks that are included as part of this unit ID.

<sup>4</sup>The plant has multiple wax tanks that are included as part of this unit ID.

**Texas Commission on Environmental Quality  
Permit By Rule Supplemental Table (Page 2)**

**Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area**

Date	Permit Number	Regulated Entity Number
09/29/2025	O1148	RN104725445

Unit ID No.	PBR No.	Version No./Date
B4-TK	106.472	09/04/2000
B6-TK	106.472	09/04/2000
PB-OILS <sup>1</sup>	106.472	09/04/2000
PB-USED OIL <sup>2</sup>	106.472	09/04/2000
PB-BLRWATR <sup>3</sup>	106.472	09/04/2000
PB-RESINLD	106.472	09/04/2000
PB-OILLOAD	106.472	09/04/2000
PB-GASCONT <sup>4</sup>	106.473	09/04/2000
PB-C3CYL	106.476	09/04/2000
PB-FIREPMP	106.511	09/04/2000

<sup>1</sup>This entry represents multiple containers (e.g., drums) storing hydraulic, heavy, and air compressor oils at the plant.

<sup>2</sup>This entry represents multiple containers storing used oils at the plant as well as used oil loading (to truck for transport offsite).

<sup>3</sup>This entry represents multiple containers (e.g., totes, drums) storing boiler feedwater chemicals.

<sup>4</sup>This entry represents multiple small (5 gallon or less) containers storing gasoline at the plant.

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**Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area**

Date	Permit Number	Regulated Entity Number
09/29/2025	O1148	RN104725445

PBR No.	Version No./Date
106.122	09/04/2000
106.242	09/04/2000
106.244	09/04/2000
106.266	09/04/2000
106.317	09/04/2000
106.372	09/04/2000

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**Table D: Monitoring Requirements for claimed (not registered) PBRs for the Application Area**

Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date	Monitoring Requirement
PB-GRINDER, PB-GRDHNDL	106.261	11/01/2003	Records of estimates of material ground each time the grinder is brought on-site.
PB-REFINER	106.264	09/04/2000	Monthly records of estimates of the refiner throughput.
PB-62-FU, PB-64-FU	106.261	11/01/2003	Monthly records of sanderdust loaded out by truck.
PB-PRESS, PB-RTO	106.261, 106.262	11/01/2003	Records of press production during the trial.
PB-REFINER	106.264	09/04/2000	Monthly records of estimates of the refiner throughput.
PB-RAW STO	106.261	11/01/2003	Records of quarterly visible emissions observations (periodic monitoring) for the RMS Building.
PB-CONVEYR	106.264	09/04/2000	Engineering or design documents reflecting no increase in capacity.
PB-CWCONV	106.261	11/01/2003	Records of quarterly visible emissions observations (periodic monitoring) for the Production Building.
BULLNOSE	106.261, 106.262	11/01/2003	Monthly records of fab edge use.
PB-GRINDER, PB-GRDHNDL	106.261	11/01/2003	Records of estimates of material ground each time the grinder is brought on-site.
PB-CONVEYR, PB-OVRBELT	106.264	09/04/2000	Engineering or design documents reflecting no increase in capacity.

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**Table D: Monitoring Requirements for claimed (not registered) PBRs for the Application Area**

Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date	Monitoring Requirement
PB-WELD	106.227	09/04/2000	Monthly welding rod purchase records.
PB-MATHDL	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-SOLDVAC	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-SAND	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-ANACALB	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-MISCHEM	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-LINEPRG	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-LIQLOAD	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-FUELVNT	106.263	11/01/2001	Records described in 30 TAC §106.263(g), compiled monthly.
PB-HANDHLD	106.265	09/04/2000	One-time confirmation that the equipment meets the criteria in the PBR.
PB-COOLTWR	106.371	09/04/2000	Monthly records of operational hours of the cooling tower.
PB-BELTRPR	106.392	09/04/2000	Monthly records of belt repair resin usage.

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**Table D: Monitoring Requirements for claimed (not registered) PBRs for the Application Area**

Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date	Monitoring Requirement
B1-TK	106.412	09/04/2000	Monthly diesel usage/purchase records for the plant.
B2-TK	106.412	09/04/2000	Monthly gasoline usage/purchase records.
PB-COATING	106.433	09/04/2000	Monthly surface coating purchase records for activities that do not meet <i>de minimis</i> criteria and are VOC- or HAP-containing.
PB-PARTWSH <sup>1</sup>	106.454	11/01/2001	Monthly solvent purchase records.
B3-TK	106.472	09/04/2000	Monthly diesel usage/purchase records for the plant.
MDI-TKS <sup>2</sup>	106.472	09/04/2000	Monthly resin usage/purchase records for the plant.
RA-TKS <sup>3</sup>	106.472	09/04/2000	Monthly release agent usage/purchase records for the plant.
WX-TKS <sup>4</sup>	106.472	09/04/2000	Monthly wax usage/purchase records for the plant.

<sup>1</sup>The plant has multiple parts washers that are included as part of this unit ID.

<sup>2</sup>The plant has multiple MDI tanks that are included as part of this unit ID.

<sup>3</sup>The plant has multiple release agent tanks that are included as part of this unit ID.

<sup>4</sup>The plant has multiple wax tanks that are included as part of this unit ID.

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**Table D: Monitoring Requirements for claimed (not registered) PBRs for the Application Area**

Date	Permit Number	Regulated Entity Number
09/29/2025	O1148	RN104725445

Unit ID No.	PBR No.	Version No./Date	Monitoring Requirement
B4-TK	106.472	09/04/2000	Emissions are expected to be <0.01 tpy for all pollutants assuming worst-case operating conditions; therefore, no monitoring is proposed for this emission unit.
B6-TK	106.472	09/04/2000	Emissions are expected to be <0.01 tpy for all pollutants assuming worst-case operating conditions; therefore, no monitoring is proposed for this emission unit.
PB-OILS <sup>1</sup>	106.472	09/04/2000	Emissions are expected to be <0.01 tpy for all pollutants assuming worst-case operating conditions; therefore, no monitoring is proposed for this emission unit.
PB-USED OIL <sup>2</sup>	106.472	09/04/2000	Monthly records of used oil sent offsite.
PB-BLRWATR <sup>3</sup>	106.472	09/04/2000	Monthly boiler feedwater chemical usage/purchase records for the plant.
PB-RESINLD	106.472	09/04/2000	Monthly resin usage/purchase records for the plant.
PB-OILLOAD	106.472	09/04/2000	Emissions are expected to be <0.01 tpy for all pollutants assuming worst-case operating conditions; therefore, no monitoring is proposed for this emission unit.

<sup>1</sup>This entry represents multiple containers (e.g., drums) storing hydraulic, heavy, and air compressor oils at the plant.

<sup>2</sup>This entry represents multiple containers storing used oils at the plant as well as used oil loading (to truck for transport offsite).

<sup>3</sup>This entry represents multiple containers (e.g., totes, drums) storing boiler feedwater chemicals.

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**Table D: Monitoring Requirements for claimed (not registered) PBRs for the Application Area**

Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date	Monitoring Requirement
PB-GASCONT <sup>1</sup>	106.473	09/04/2000	Emissions are expected to be <0.01 tpy for all pollutants assuming worst-case operating conditions; therefore, no monitoring is proposed for this emission unit.
PB-C3CYL	106.476	09/04/2000	Cylinders are shipped from offsite and must meet DOT regulations for transporting compressed gas cylinders, including testing for leaks prior to shipment. Therefore, no emissions are expected from these cylinders and no additional monitoring is proposed.
PB-FIREPMP	106.511	09/04/2000	Monthly operating hours.

<sup>1</sup>This entry represents multiple small (5 gallon or less) containers storing gasoline at the plant.