FEDERAL OPERATING PERMIT

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

AUTHORIZING THE OPERATION OF
Pineland Manufacturing Complex
All Other Miscellaneous Wood Product Manufacturing

LOCATED AT
Sabine County, Texas
Latitude 31° 14′ 51″ Longitude 93° 58′ 12″
Regulated Entity Number: RN100217744

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: O2407 Issuance Date: June 28, 2024

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 respectively which incorporates the 40 CFR Part 63 Subpart 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_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet

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

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

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

B. 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_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

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

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each 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_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each 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 § 111.205 (relating to Exception for Fire Training)

(ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)

(iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)

(iv) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:

A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

(i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)

(iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)

5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

6. 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

7. 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 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.

8. 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

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated March 5, 2025 in the application for project 37746), 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

10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

11. The permit holder shall 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

12. 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.

13. 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

14. 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.

Permit Location

15. 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)

16. 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

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
BLR-22	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
BLR-22	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BLR-22	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
ESPGEN	SRIC ENGINES	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
ESPGEN	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FIREPMP	SRIC ENGINES	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
FIREPMP	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPSAWM1-5	PLYWOOD AND COMPOSITE WOOD PRODUCTS	KLN-101, KLN-102, KLN-103, KLN-104, KLN-130	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
HEC-28	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
HEC-28	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
KLN-91	PLYWOOD AND COMPOSITE WOOD PRODUCTS	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.
KLN-93	PLYWOOD AND COMPOSITE WOOD	N/A	63DDDD-1	40 CFR Part 63, Subpart DDDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	PRODUCTS				
OFFCEGEN	SRIC ENGINES	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
OFFCEGEN	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	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)
BLR-22	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
BLR-22	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 CAM Summary	None	None
BLR-22	EU	63DDDDD-01	CO	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.13.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.1 § 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)	For existing hybrid suspension grate units 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 3500 ppm by volume on a dry basis corrected to 3 percent oxygen, 3-run average, 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(c) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 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) § 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]§ 63.7505(d)(1) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7540(d)		[G]§ 63.7520(b)-Table 5.5 § 63.7520(c) § 63.7520(d) § 63.7520(f) § 63.7525(a) § 63.7525(a)(7) § 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) § 63.7540(a)(12)		
BLR-22	EU	63DDDDD-01	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 3.1 [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) § 63.7505(e) § 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) [G]§ 63.7520(b)-Table 5.3 § 63.7520(c) § 63.7520(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)
					§ 63.7540(a)(12) § 63.7540(a)(13) § 63.7540(a)(4) § 63.7540(d)		§ 63.7520(e) § 63.7520(f) § 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) § 63.7540(a)(12) § 63.7540(a)(4)		
BLR-22	EU	63DDDDD-01	Mercury	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.1.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.1 [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) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7540(a)(6) § 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) § 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) [G]§ 63.7520(b)-Table 5.4 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) § 63.7530(a) § 63.7530(b) § 63.7535(a) § 63.7535(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)
							§ 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)(6)		
BLR-22	EU	63DDDDD-01	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.13.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.1 § 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) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7540(d)	For existing hybrid suspension grate units 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 0.44 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(h) § 63.7510(j) § 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 5.1 § 63.7520(c) § 63.7520(d) § 63.7520(e) § 63.7520(f) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d)	§ 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)
							§ 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 63.7540(a)-Table 8.1		
BLR-22	EU	63DDDDD-01	PM (Opacity)	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(2)-Table 4.4.a § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.1 [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) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) § 63.7540(a)(12) § 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(f) § 63.7510(k) § 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) § 63.7540(a)(12)	§ 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)
ESPGEN	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.			
ESPGEN	EU	60IIII-1	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ESPGEN	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 1039-Appendix I § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 1039-Appendix I.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
ESPGEN	EU	63ZZZZ-1	112(B)	40 CFR Part 63,	§ 63.6590(b)(1)	An affected source which	None	None	§ 63.6645(f)

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)
			HAPS	Subpart ZZZZ	§ 63.6595(c) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).			
FIREPMP	EU	60IIII-1	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
FIREPMP	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FIREPMP	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
GRPSAWM 1-5	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2252	For process units not subject to the compliance options or work practice requirements specified in §63.2240 (including, but not limited to, lumber kilns), you are not required to comply with the compliance options, work practice requirements, performance testing, monitoring, SSM plans, and recordkeeping or reporting requirements of this subpart, or any other requirements in subpart A of this part, except for the initial notification requirements in §63.9(b).	None	None	§ 63.2252
HEC-28	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate	** 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		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).			
HEC-28	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
KLN-91	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2252	For process units not subject to the compliance options or work practice requirements specified in §63.2240 (including, but not limited to, lumber kilns), you are not required to comply with the compliance options, work practice requirements, performance testing, monitoring, SSM plans, and recordkeeping or reporting requirements of this subpart, or any other requirements in subpart A of this part, except for the initial notification requirements in §63.9(b).	None	None	§ 63.2252
KLN-93	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDD	§ 63.2252	For process units not subject to the compliance options or work practice requirements specified in §63.2240 (including, but not	None	None	§ 63.2252

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)
						limited to, lumber kilns), you are not required to comply with the compliance options, work practice requirements, performance testing, monitoring, SSM plans, and recordkeeping or reporting requirements of this subpart, or any other requirements in subpart A of this part, except for the initial notification requirements in §63.9(b).			
OFFCEGEN	EU	60IIII-1	NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart.	None	§ 60.4211(b)(3)	[G]§ 60.4214(d)
OFFCEGEN	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60	None	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)
						subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			

Additional Monitoring Requirements

CAM Summary

Unit/Group/Process Information	
ID No.: BLR-22	
Control Device ID No.: SCR-22	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: Secondary Voltage	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Minimum secondary voltage = 15 KVDC (avg. of two ESP fields). Measurements < minimum shall be reported as a deviation.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 2% of reading; or ± 5% over its operating range.	

CAM Summary

Unit/Group/Process Information	
ID No.: BLR-22	
Control Device ID No.: SCR-22	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: Secondary Current	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Minimum secondary current (SC) = 100 mADC (avg. of two ESP fields); Maximum SC = 600 mADC (avg. of two ESP fields). Measurements less than the minimum or greater than the maximum shall be reported as a deviation.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 1% of reading; or ± 5% over its operating range.	

CAM Summary

Unit/Group/Process Information	
ID No.: BLR-22	
Control Device ID No.: SCR-22	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Secondary Voltage	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Minimum secondary voltage = 15 KVDC (avg. of two ESP fields). Measurements < minimum shall be reported as a deviation.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 2% of reading; or ± 5% over its operating range.	

CAM Summary

Unit/Group/Process Information	
ID No.: BLR-22	
Control Device ID No.: SCR-22	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Secondary Current	
Minimum Frequency: once per day	
Averaging Period: N/A	
Deviation Limit: Minimum secondary current (SC) = 100 mADC (avg. of two ESP fields); Maximum SC = 600 mADC (avg. of two ESP fields). Measurements less than the minimum or greater than the maximum shall be reported as a deviation.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 1% of reading; or ± 5% over its operating range.	

CAM Summary

Unit/Group/Process Information	
ID No.: HEC-28	
Control Device ID No.: HECYCL-28	Control Device Type: Cyclone
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: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum pressure drop = 2in H20. Reading < minimum shall be reported as a deviation.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: HEC-28	
Control Device ID No.: HECYCL-28	Control Device Type: Cyclone
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
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 15%.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. 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. 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 associated with the particulate matter standard in the underlying applicable requirement. If there is no corresponding opacity limit in the underlying applicable requirement, the maximum opacity will be established using the most recent performance test. If the result of the Test Method 9 is opacity above the corresponding opacity limit (associated with the particulate matter standard in the underlying applicable requirement or as identified as a result of a previous performance test to establish the maximum opacity limit), the permit holder shall report a deviation.	

Permit Shield

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
BLR-22	N/A	40 CFR Part 60, Subpart D	Boiler heat input rating is less than 250 MMBtu/hr.
BLR-22	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed prior to June 19, 1984 and has not been modified or reconstructed since June 19, 1984.
BLR-22	N/A	40 CFR Part 60, Subpart Dc	Boiler heat input rating is greater than 100 MMBtu/hr.
DSL-U-01	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Non-gasoline transfers in Sabine County.
GAS-U-01	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The equipment is used as a motor vehicle fuel dispensing facility.
PROP-U-01	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Non-gasoline transfers in Sabine County.
UO-L-01	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Non-gasoline transfers in Sabine County.

New Source Review Authorization References

New Source Review Authorization References

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

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX924M3	Issuance Date: 05/22/2025
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1037	Issuance Date: 05/22/2025
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.102	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.244	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.317	Version No./Date: 09/04/2000
Number: 106.321	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.372	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: 106.432	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
Number: 106.532	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**
BLR-22	WOOD-FIRED BOILER	1037, PSDTX924M3
DSL-U-01	DIESEL UNLOADING	106.472/09/04/2000
ESPGEN	BOILER EMERGENCY GENERATOR	106.511/09/04/2000
FIREPMP	FIREWATER PUMP STATIONARY DIESEL ENGINE	106.511/09/04/2000
GAS-U-01	GASOLINE UNLOADING	106.412/09/04/2000
HEC-28	PLANER CYCLONE	1037, PSDTX924M3
KLN-101	SAWMIL DRY KILN NO. 1	1037, PSDTX924M3
KLN-102	SAWMIL DRY KILN NO. 2	1037, PSDTX924M3
KLN-103	SAWMIL DRY KILN NO. 3	1037, PSDTX924M3
KLN-104	SAWMIL DRY KILN NO. 4	1037, PSDTX924M3
KLN-130	SAWMIL DRY KILN NO. 5	1037, PSDTX924M3
KLN-91	SMALL LOG MILL BATCH KILN NO. 1	1037, PSDTX924M3
KLN-93	SMALL LOG MILL CONTINUOUS KILN NO. 1	1037, PSDTX924M3
OFFCEGEN	OFFICE EMERGENCY GENERATOR	106.511/09/04/2000
PROP-U-01	PROPANE UNLOADING	106.476/09/04/2000
UO-L-01	USED OIL LOADING	106.472/09/04/2000

**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

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_2S ..... 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_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
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_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

Appendix B

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
21A	Boiler Fuel House (5)	PM	0.25	0.24	9, 28, 39	28, 39	28
		PM_{10}	0.12	0.11			
		$PM_{2.5}$	0.02	0.02			
22	Wood-Fired Boiler ESP Stack	VOC (as C)	8.41	32.94	5, 7, 26, 29, 30, 33, 37, 38, 39	5, 26, 33, 37, 38, 39	5, 26, 30, 31, 32, 34, 35, 37, 38
		NO_X	35.19	137.82			
		SO_2	1.90	7.42			
		PM	4.49	17.59			
		PM_{10}	3.85	15.07			
		$PM_{2.5}$	3.62	14.19			
		CO	452.56	1772.51			
		HAPs	3.00	11.76			
22 (MSS)	Wood-Fired Boiler ESP Stack - MSS	VOC (as C)	0.44	0.09	5, 39	5, 39	5
		NO_X	7.10	1.46			
		SO_2	0.82	0.17			

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	0.38	0.08			
		PM_{10}	0.38	0.08			
		$PM_{2.5}$	0.38	0.08			
		CO	4.10	0.84			
		HAPs	0.09	0.02			
28	Planer Cyclone Stack	PM	2.47	8.02			
		PM_{10}	2.17	7.05	8, 27, 39	27, 39	27
		$PM_{2.5}$	2.17	7.05			
91	Small Log Mill Batch Kiln No. 1 Vents	VOC (8)	56.83	192.11			
		NO_X	5.20	16.52			
		SO_2	0.21	0.66	5, 6, 26, 29, 30, 33, 37, 39	5, 26, 33, 37, 39	5, 26, 30, 31, 32, 34, 35, 37
		PM	5.07	17.14			
		PM_{10}	4.70	15.91			
		$PM_{2.5}$	2.68	9.07			

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	8.21	26.06			
		HAPs	4.14	13.94			
91(MSS)	Small Log Mill Batch Kiln No. 1 - MSS	VOC	0.01	-	39	5, 39	5
		NO_X	0.21	-			
		SO_2	0.02	-			
		PM	0.01	-			
		PM_{10}	0.01	-			
		$PM_{2.5}$	0.01	-			
		CO	0.12				
93	Small Log Mill Continuous Kiln No. 1	VOC (8)	80.15	263.46	5, 6, 26, 29, 30, 33, 37, 39	5, 26, 33, 37, 39	5, 26, 30, 31, 32, 34, 35, 37
		NO_X	9.15	40.08			
		SO_2	0.37	1.61			
		PM	7.15	23.50			
		PM_{10}	6.64	21.81			

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		$PM_{2.5}$	3.79	12.44			
		CO	14.44	63.24			
		HAPs	5.92	19.91			
93 (MSS)	Small Log Mill Continuous Kiln No. 1 - MSS	VOC	0.01	-			
		NO_X	0.21	-			
		SO_2	0.02	-			
		PM	0.01	-	39	5, 39	5
		PM_{10}	0.01	-			
		$PM_{2.5}$	0.01	-			
		CO	0.12	-			
91 and 93 MSS	Small Log Kilns MSS	VOC	-	0.01			
		NO_X	-	0.08	39	5, 39	5
		SO_2	-	0.01			
		PM	-	<0.01			

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM_{10}	-	<0.01			
		$PM_{2.5}$	-	<0.01			
		CO	-	0.05			
101 (7)	Sawmill Dry Kiln No. 1 Vents	VOC (8)	45.52	178.39	6, 39	5, 39	5
		PM	0.56	2.18			
		PM_{10}	0.56	2.18			
		$PM_{2.5}$	0.55	2.17			
		HAPs	3.22	12.62			
102 (7)	Sawmill Dry Kiln No. 2 Vents	VOC (8)	45.52	178.39	6, 39	5, 39	5
		PM	0.56	2.18			
		PM_{10}	0.56	2.18			
		$PM_{2.5}$	0.55	2.17			
		HAPs	3.22	12.62			
103 (7)		VOC (8)	45.52	178.39	6, 39	5, 39	5

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Sawmill Dry Kiln No. 3 Vents	PM	0.56	2.18			
		PM_{10}	0.56	2.18			
		$PM_{2.5}$	0.55	2.17			
		HAPs	3.22	12.62			
104 (7)	Sawmill Dry Kiln No. 4 Vents	VOC (8)	45.52	178.39			
		PM	0.56	2.18			
		PM_{10}	0.56	2.18	6, 39	5, 39	5
		$PM_{2.5}$	0.55	2.17			
		HAPs	3.22	12.62			
106	Shavings Truck Loading (5)	PM	0.08	0.05			
		PM_{10}	0.04	0.03	9, 28, 39	28, 39	28
		$PM_{2.5}$	0.01	<0.01			
120	Small Log Mill Debarker (5)	PM	0.08	0.14			
		PM_{10}	0.04	0.08	39	39	

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		$PM_{2.5}$	0.01	0.03			
121	Sawmill Debarker (5)	PM	0.10	0.18	39	39	
		PM_{10}	0.06	0.11			
		$PM_{2.5}$	0.02	0.03			
122	Boiler Fuel House Loading (5)	PM	0.09	0.12	9, 28, 39	28, 39	28
		PM_{10}	0.04	0.06			
		$PM_{2.5}$	0.01	0.01			
123	Small Log Mill (5)	PM	0.36	0.66	9, 28, 39	28, 39	28
		PM_{10}	0.13	0.24			
		$PM_{2.5}$	0.04	0.07			
124	Sawmill (5)	PM	0.64	0.84	9, 28, 39	28, 39	28
		PM_{10}	0.23	0.30			
		$PM_{2.5}$	0.07	0.09			
130 (7)		VOC (8)	45.52	178.39		5, 26, 33, 37, 39	

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Sawmill Dry Kiln No. 5 Vents	PM	0.56	2.18	6, 26, 29, 30, 33, 37, 39		5, 26, 30, 31, 32, 34, 35, 37
		PM_{10}	0.56	2.18			
		$PM_{2.5}$	0.55	2.17			
		HAPs	3.22	12.62			
144	Propane Vaporizers (5)	VOC (as C)	0.01	0.04	28	28	28
		NO_X	0.14	0.62			
		SO_2	0.02	0.07			
		PM	0.01	0.03			
		PM_{10}	0.01	0.03			
		$PM_{2.5}$	0.01	0.03			
		CO	0.08	0.36			
147	Ash Handling (5)	PM	0.09	0.21	9, 28, 39	28, 39	28
		PM_{10}	0.04	0.10			
		$PM_{2.5}$	0.01	0.02			

Major NSR Summary Table

Permit Numbers 1037 and PSDTX924M3					Issuance Date: May 22, 2025		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
148	Small Log Mill Material Handling (5)	PM	0.21	0.39	9, 28, 39	28, 39	28
		PM_{10}	0.10	0.18			
		$PM_{2.5}$	0.02	0.03			
149	Sawmill Material Handling (5)	PM	1.14	1.69	9, 28, 39	28, 39	28
		PM_{10}	0.54	0.80			
		$PM_{2.5}$	0.08	0.12			

(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_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - 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 (40 CFR) Part 63, Subpart C
(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) For determination of compliance, emissions from the five steam-heated Kilns (EPNs 101, 102, 103, 104, and 130) should be summed.
(8) VOC presented on a Wood Products Protocol No. 1 (WPP1) basis.

Texas Commission on Environmental Quality
Air Quality Permit

A Permit Is Hereby Issued To
Georgia-Pacific Wood Products LLC
Authorizing the Construction and Operation of
Lumber Manufacturing Plant
Located at **Pineland, Sabine County, Texas**
Latitude 31.2475 Longitude -93.97

Permits: 1037, PSDTX924M3

Amendment Date: May 22, 2025

Expiration Date: November 30, 2030

For the Commission

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

operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction in a timely manner; comply with any additional recordkeeping requirements specified in special conditions in the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC § 116.115(b)(2)(E)]

8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC § 116.115(b)(2)(F)] [1]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification in accordance with 30 TAC §101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC§ 116.115(b)(2)(G)]
10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC § 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to "air pollution" as defined in Texas Health and Safety Code (THSC) §382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. [1]

[1] Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

Common Acronyms in Air Permits

°C = Temperature in degrees Celsius
°F = Temperature in degrees Fahrenheit
°K = Temperature in degrees Kelvin
µg = microgram
$\mu g/m^3$ = microgram per cubic meter
acfm = actual cubic feet per minute
AMOC = alternate means of control
AOS = alternative operating scenario
AP-42 = Air Pollutant Emission Factors, 5th edition
APD = Air Permits Division
API = American Petroleum Institute
APWL = air pollutant watch list
BPA = Beaumont/ Port Arthur
BACT = best available control technology
BAE = baseline actual emissions
bbl = barrel
bbl/day = barrel per day
bhp = brake horsepower
BMP = best management practices
Btu = British thermal unit
Btu/scf = British thermal unit per standard cubic foot or feet
CAA = Clean Air Act
CAM = compliance-assurance monitoring
CEMS = continuous emissions monitoring systems
cfm = cubic feet (per) minute
CFR = Code of Federal Regulations
CN = customer ID number
CNG = compressed natural gas
CO = carbon monoxide
COMS = continuous opacity monitoring system
CPMS = continuous parametric monitoring system
DFW = Dallas/ Fort Worth (Metroplex)
DE = destruction efficiency
DRE = destruction and removal efficiency
dscf = dry standard cubic foot or feet
dscfm = dry standard cubic foot or feet per minute
ED = (TCEQ) Executive Director
EF = emissions factor
EFR = external floating roof tank
EGU = electric generating unit
EI = Emissions Inventory
ELP = El Paso
EPA = (United States) Environmental Protection Agency
EPN = emission point number
ESL = effects screening level
ESP = electrostatic precipitator
FCAA = Federal Clean Air Act
FCCU = fluid catalytic cracking unit
FID = flame ionization detector
FIN = facility identification number
ft = foot or feet
ft/sec = foot or feet per second
g = gram
gal/wk = gallon per week
gal/yr = gallon per year
GLC = ground level concentration
GLC_{max} = maximum (predicted) ground-level concentration
gpm = gallon per minute
gr/1000scf = grain per 1000 standard cubic feet
gr/dscf = grain per dry standard cubic feet
H_2CO = formaldehyde
H_2S = hydrogen sulfide
H_2SO_4 = sulfuric acid
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
HC = hydrocarbons
HCl = hydrochloric acid, hydrogen chloride
Hg = mercury
HGB = Houston/Galveston/Brazoria
hp = horsepower
hr = hour
IFR = internal floating roof tank
in H_2O = inches of water
in Hg = inches of mercury
IR = infrared
ISC3 = Industrial Source Complex, a dispersion model
ISCST3 = Industrial Source Complex Short-Term, a dispersion model
K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
LACT = lease automatic custody transfer
LAER = lowest achievable emission rate
lb = pound
lb/day = pound per day
lb/hr = pound per hour
lb/MMBtu = pound per million British thermal units
LDAR = Leak Detection and Repair (Requirements)
LNG = liquefied natural gas
LPG = liquefied petroleum gas
LT/D = long ton per day
m = meter
m^3 = cubic meter
m/sec = meters per second
MACT = maximum achievable control technology
MAERT = Maximum Allowable Emission Rate Table
MERA = Modeling and Effects Review Applicability
mg = milligram
mg/g = milligram per gram
mL = milliliter
MMBtu = million British thermal units
MMBtu/hr = million British thermal units per hour
MSDS = material safety data sheet
MSS = maintenance, startup, and shutdown
MW = megawatt
NAAQS = National Ambient Air Quality Standards
NESHAP = National Emission Standards for Hazardous Air Pollutants
NGL = natural gas liquids
NNSR = nonattainment new source review
NO_x = total oxides of nitrogen
NSPS = New Source Performance Standards

PAL = plant-wide applicability limit
PBR = Permit(s) by Rule
PCP = pollution control project
PEMS = predictive emission monitoring system
PID = photo ionization detector
PM = periodic monitoring
PM = total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
$PM_{2.5}$ = particulate matter equal to or less than 2.5 microns in diameter
PM_{10} = total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
POC = products of combustion
ppb = parts per billion
ppm = parts per million
ppmv = parts per million (by) volume
psia = pounds (per) square inch, absolute
psig = pounds (per) square inch, gage
PTE = potential to emit
RA = relative accuracy
RATA = relative accuracy test audit
RM = reference method
RVP = Reid vapor pressure
scf = standard cubic foot or feet
scfm = standard cubic foot or feet (per) minute
SCR = selective catalytic reduction
SIL = significant impact levels
SNCR = selective non-catalytic reduction
SO_2 = sulfur dioxide
SOCMI = synthetic organic chemical manufacturing industry
SRU = sulfur recovery unit
TAC = Texas Administrative Code
TCAA = Texas Clean Air Act
TCEQ = Texas Commission on Environmental Quality
TD = Toxicology Division
TLV = threshold limit value
TMDL = total maximum daily load
tpd = tons per day
tpy = tons per year
TVP = true vapor pressure
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VRU = vapor recovery unit or system

Special Conditions

Permit Numbers 1037 and PSDTX924M3

Emission Limitations

1. Total emissions from this facility shall not exceed values stated on the attached table entitled "Emission Sources - Maximum Allowable Emission Rates." In addition, this permit authorizes all emissions from planned maintenance, startup, and shutdown activities associated with facilities or groups of facilities that are authorized by this permit.

Fuel Specifications

2. Fuel for the Wood-Fired Boiler (Emission Point No. [EPN] 22) shall be limited to raw wood biomass (wood, sawdust, and bark), processed wood containing resins and/or other binding materials, diesel and propane with a sulfur content of 185 parts per million by weight (ppmw) or less. If the sulfur content exceeds 185 ppmw, the firing of the boiler shall be limited to ensure that the Maximum Allowable Emission Rates Table (MAERT) limit is not exceeded. Some of the wood fuel may inadvertently come into contact with small amounts of hydraulic, lube, or other oils. The use of any other types of fuel will require written approval of the Executive Director of the TCEQ. **(05/25)**

3. Fuel for the propane vaporizers and propane burners in the Small Log Mill Kilns shall be propane with a sulfur content of 185 parts per million by weight (ppmw) or less. If the sulfur content exceeds 185 ppmw, the firing of the propane vaporizers shall be limited to ensure that the MAERT limit is not exceeded. The use of any other types of fuel will require written approval of the Executive Director of the TCEQ. **(03/22)**

4. Upon request by the Executive Director of the TCEQ or the TCEQ Regional Director or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuels used in these facilities or shall allow air pollution control program representatives to obtain a sample for analysis.

Federal Applicability

5. These facilities shall comply with all applicable requirements of the EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories in 40 CFR Part 63, specifically the following:

   A. Subpart A - General Provisions;

   B. Subpart DDDD – Plywood and Composite Wood Products; and

   C. Subpart DDDDD – Industrial, Commercial, and Institutional Boilers and Process Heaters.

Opacity/Visible Emission Limitations

6. Opacity of emissions from the Small Log Mill and Sawmill Dry Kiln Vents (EPNs 91, 93, 101, 102, 103, 104, and 130) shall not exceed 10 percent averaged over a six-minute period, except for those periods described in Title 30 Texas Administrative Code (30 TAC) §§ 111.111(a)(1)(E) and 101.211. Opacity shall not exceed the limits set forth in 30TAC Chapter 111, Control of Air Pollution from Visible Emissions and Particulate Matter, during planned Maintenance, Startup, and Shutdown (MSS). The opacity shall be determined by the U.S. Environmental Protection Agency

(EPA) Reference Method No. 9 or equivalent, as determined by the TCEQ Executive Director. **(03/22)**

7. Opacity of emissions from the Wood-Fired Boiler Electrostatic Precipitator (ESP) Stack (EPN 22) shall not exceed 20 percent averaged over a six-minute period, except for those periods described in 30 TAC § 111.111(a)(1)(E). Opacity shall not exceed the limits set forth in 30 TAC Chapter 111, Control of Air Pollution from Visible Emissions and Particulate Matter, during planned MSS. The opacity shall be determined by EPA Reference Method No. 9 or equivalent, as determined by the TCEQ Executive Director.

8. Opacity of emissions from the Planer Cyclone Stack (EPN 28) shall not exceed 5 percent averaged over a six-minute period, except for those periods described in 30 TAC § 101.211. Opacity shall not exceed the limits set forth in 30 TAC Chapter 111, Control of Air Pollution from Visible Emissions and Particulate Matter, during planned MSS. The opacity shall be determined by EPA Reference Method No. 9 or equivalent, as determined by the TCEQ Executive Director.

9. Visible fugitive emissions from the conveying, handling, storage, or loadout of bark, shavings, chips, sawdust, and ash, propane vaporizers, boiler fuel house, planer mill, Small Log Mill, and sawmill shall not leave the property for more than 30 cumulative seconds in any six-minute period. **(03/22)**

Operational Limitations, Work Practices, and Plant Design

10. Material collected in the control devices and/or ash will be collected and disposed of in a manner that will minimize the material and/or ash from becoming airborne. No outdoor storage or stockpiling of ash will occur unless in sealed containers or incorporated into composting operations.

11. Lumber processed through the planer and trim saws shall be limited to the plant throughput reflected at the kilns.

12. Residual material from the trim saws and the planer unit shall be pneumatically collected and conveyed to the high efficiency Planer Cyclone (EPN 28) with an outlet grain loading of no greater than 0.00262 grains per dry standard cubic foot. **(03/22)**

13. Wood biomass collected by cyclones or fabric filters shall be transferred from the collection device in such a manner as to minimize fugitive emissions.

14. Material handling equipment such as chain conveyors, screens, chippers, hogs, and/or drop/transfer points shall be operated with covers in place; enclosed, shrouded, or covered; or controlled in a manner to minimize fugitive emissions.

15. The Small Log Mill Debarker (EPN 120) and the Sawmill Debarker (EPN 121) shall be enclosed in a structure. **(03/22)**

16. The Small Log Mill (EPN 123) and Sawmill (EPN 124) shall be partially enclosed. **(03/22)**

17. Loading of wood biomass such as bark, chips, or shavings onto vehicles for shipment off-property shall be conducted in a manner to minimize fugitive emissions.

18. In-plant roads and other traffic areas shall be sprinkled with water or dust suppressants or cleaned as needed to control fugitive emissions from vehicle traffic. Stockpiles shall be sprayed with water as needed upon detection of visible particulate matter emissions to maintain compliance with all applicable TCEQ rules and regulations.

19. During normal production operations while burning wood fuel, the boiler shall not be operated if the ESP is not operating.

20. The Wood-Fired Boiler shall be operated with an overfired air system and good combustion during normal production operations to minimize emissions of CO. Compliance with the permitted emissions in the MAERT shall be demonstrated based on steam generation rates and representative stack testing. **(05/25)**

21. Annual propane firing for the Small Log Mill Batch Kiln No. 1 and Small Log Mill Continuous Kiln No. 1 during planned MSS shall not exceed a total combined propane usage of 12,500 gallons per year. **(03/22)**

22. This facility is authorized to operate up to 8,760 hours per year.

23. Emission rates are based on and the facilities shall be limited to the following:

    A. Wood-Fired Boiler: Maximum hourly steam generation of 120,000 pounds (lb) per hour and annual steam generation of 940,000 thousand pounds (klb) steam per year. Steam production rates shall be converted to heat input rates based on data collected during representative stack testing, if needed for calculation of emission rates. **(05/25)**

    B. Small Log Batch Kiln No. 1: 1.63 tph (on a calendar month average) and annual maximum of 10,313 tpy wood fuel burned; 176 thousand board feet (MBF) per charge; and maximum annual production of 70,000 MBF/yr. **(03/22)**

    C. Sawmill Dry Kiln Nos. 1- 5: Maximum charge of 141 MBF each and maximum annual throughput of 325,000 MBF/yr of lumber/studs produced on a nominal dimensional basis for all five Sawmill Dry Kilns.

    D. Small Log Mill Continuous Kiln No. 1: Maximum hourly heat input of 40 MMBtu/hr; 14.6 MBF/hr (on a calendar month average); 350,400 MMBtu/yr; and maximum annual production of 96,000 MBF/yr. **(03/22)**

    No changes shall be made to the above limitations without prior approval by the TCEQ.

24. The facilities shall be limited to the following hourly and annual throughput rates: **(03/22)**

Table 1: Hourly and Annual Throughput Limits

Source	Tons per hour	Tons per year in any rolling 12-month period
Boiler Fuel House (EPN 21A)	129.7	240,825
Shavings Truck Loading (EPN 106)	80	111,245

Source	Tons per hour	Tons per year in any rolling 12-month period
Small Log Mill Debarker (EPN 120)	270	987,525
Sawmill Debarker (EPN 121)	355	1,284,400
Boiler Fuel House Loading (EPN 122)	45	125,825
Small Log Mill (EPN 123)	24.0	87,937
Sawmill (EPN 124)	42.6	112,385
Ash Handling (EPN 147)	2.52	12,000

No changes shall be made to the above limitations without prior approval by the TCEQ.

25. The facilities and/or activities listed in the following table operate per the criteria of the referenced Standard Exemption (SE)/Permit by Rule (PBR)/Standard Permit and are incorporated by reference: (05/25)

Table 2: Authorization Incorporated by Reference

Facilities/Activities	SE No./PBR No./Standard Permit	Registration No.
Periodic Portable Grinder	PBR 106.261	146071
Chipper Repurpose (48”)	PBR 106.261	172104

Demonstration of Continuous Compliance

26. Upon request by the TCEQ Executive Director or the TCEQ Regional Director having jurisdiction, the holder of this permit shall perform stack sampling and/or other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from (but not limited to) Wood-Fired Boiler (EPN 22); Small Log Batch Kiln No. 1 and Small Log Continuous Kiln No. 1 (EPNs 91 and 93); and Sawmill Dry Kiln No. 5 (EPN 130) to demonstrate compliance with the MAERT and with emission performance levels as specified in the special conditions and/or otherwise prove satisfactory equipment performance. Sampling must be conducted in accordance with the TCEQ Guidelines for Stack Sampling Facilities and in accordance with the applicable EPA 40 CFR procedures. Any deviations from those procedures must be approved by the TCEQ Executive Director or the appropriate TCEQ Regional Director prior to conducting sampling. **(03/22)**

27. The holder of this permit shall conduct a quarterly visible emissions observation to demonstrate compliance with the opacity limitations specified in this permit for the Small Log Mill and Sawmill Dry Kiln Vents (EPNs 91, 93, 101-104, and 130), the Wood-Fired Boiler ESP Stack (EPN 22), and the Planer Cyclone Stack (EPN 28). This visible emissions observation shall be performed:

1) during normal plant operations, 2) for a minimum of six minutes, 3) approximately perpendicular to plume direction, 4) with the sun behind the observer (to the extent practicable), and 5) at least two stack heights, but not more than five stack heights, from the emission point. If visible emissions are observed from the emission point, the owner or operator shall: **(03/22)**

A. Take immediate action to eliminate visible emissions, record the corrective action within 24 hours, and comply with any applicable requirements in 30 Texas Administrative Code (TAC)

§ 101.201, Emissions Event Reporting and Recordkeeping Requirements; or

B. Determine opacity using 40 CFR Part 60, Appendix A, Test Method 9. If opacity limit is exceeded, take immediate action (as appropriate) to reduce opacity to within the permitted limit, record the corrective action within 24 hours, and comply with applicable requirements in 30 TAC § 101.201, Emissions Event Reporting and Recordkeeping Requirements.

28. The holder of this permit shall conduct a quarterly visible fugitive emissions observation to demonstrate compliance with the visible fugitive emissions limitation specified in this permit from the conveying, handling, storage, and loadout of bark, shavings, chips, and sawdust, and ash, propane vaporizers, boiler fuel house, planer mill, Small Log Mill, and sawmill. This visible fugitive emissions observation shall be performed: 1) during normal plant operations, 2) with the sun behind the observer (to the extent practicable), and 3) at least 15 feet, but not more than 0.25 mile from the plume. If visible fugitive emissions are observed, the owner or operator shall: **(03/22)**

A. Take immediate action to eliminate visible fugitive emissions, record the corrective action within 24 hours, and comply with any applicable requirements in 30 Texas Administrative

Code (TAC) § 101.201, Emissions Event Reporting and Recordkeeping Requirements; or

B. Determine visible fugitive emissions using 40 CFR Part 60, Appendix A, Test Method 22, except where stated otherwise in this condition. If visible fugitive emissions leaving the property exceed 30 cumulative seconds in any six-minute period, the owner or operator shall take immediate action (as appropriate) to eliminate the excessive visible fugitive emissions, and comply with applicable requirements in 30 TAC § 101.201, Emissions Event Reporting and Recordkeeping Requirements. The corrective action shall be documented within 24 business hours of completion.

Sampling Requirements

29. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at their own expense. Sampling ports and platforms shall be installed on the stack(s) according to the specifications set forth in the attachment entitled “Guidelines for Stack Sampling Facilities” prior to stack sampling. Alternate sampling facility designs may be submitted for approval by the TCEQ Regional Office with jurisdiction.

30. A pretest meeting shall be held with personnel from the TCEQ before the required tests are performed. The TCEQ Regional Office with jurisdiction shall be notified not less than 45 days prior to sampling to schedule a pretest meeting. The notice shall include:

A. Date for pretest meeting;

B. Date sampling will occur;

C. Points or sources to be sampled;

D. Name of firm conducting sampling;

E. Type of sampling equipment to be used; and

F. Method or procedure to be used in sampling.

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

31. Alternate sampling methods and representative unit testing may be proposed by the permit holder. A written proposed description of any deviation from sampling procedures or emission sources specified in permit conditions or TCEQ or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. Such a proposal must be approved by the TCEQ Regional Office with jurisdiction at least two weeks prior to sampling.

32. Requests to waive testing for any pollutant specified shall be submitted, in writing, for approval to the TCEQ Office of Air, Air Permits Division in Austin.

33. During stack sampling emission testing, the facilities shall operate at maximum represented production/throughput rates. Primary operating parameters that enable determination of production rates shall be monitored and recorded during the stack test. These parameters are to be determined at the pretest meeting.

    If the plant is unable to operate at the maximum represented production/throughput rates during testing, then additional stack testing shall be required when production rate exceeds the previous stack test production rate by +10 percent unless otherwise determined, in writing, by the TCEQ Executive Director.

34. Requests for additional time to perform sampling shall be submitted to the TCEQ Regional Office with jurisdiction. Additional time to comply with the applicable federal requirements requires EPA approval, and requests shall be submitted to the TCEQ Regional Office with jurisdiction.

35. Copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

    One copy to the TCEQ Regional Office with jurisdiction.

    One copy to the TCEQ Office of Air, Air Permits Division in Austin.

36. If, as a result of stack sampling, compliance with the permitted emission rates cannot be demonstrated, the holder of this permit shall adjust any operating parameters so as to comply with Special Condition No. 1 and the permitted emission rates. If the permit holder subsequently conducts additional stack sampling demonstrating compliance with the permitted emission rates, the newly established operating parameters shall be used to demonstrate compliance, and the requirements in Special Condition No. 38 shall no longer apply.

37. If the holder of this permit is required to adjust any operating parameters for compliance, then beginning no later than 60 days after the date of the test conducted, the holder of this permit shall submit to the TCEQ, on a monthly basis, a record of adjusted operating parameters and daily

records production sufficient to demonstrate compliance with the permitted emission rates. Daily records production and operating parameters shall be distributed as follows:

One copy to the TCEQ Regional Office with jurisdiction.

One copy to the TCEQ Office of Air, Air Permits Division in Austin.

Compliance Assurance Monitoring

38. In order to maintain adequate particulate control for the emissions associated with the wood-fired boiler, the control device associated with this source shall be monitored according to Table 3 below:

Table 3: Monitoring for Wood-Fired Boiler ESP

Control Device	Monitoring Parameter	Minimum Monitoring Frequency	Averaging Time	Deviation Limit
Wood-Fired Boiler ESP (EPN 22)+	Secondary Voltage	Once per day	N/A*	Min. Secondary Voltage: 15 KVDC**
	Secondary Current	Once per day	N/A*	Min. Secondary Current: 100 mADC** Max. Secondary Current: 600mADC**

+Monitoring only applies while burning wood fuel.

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

**Average of two ESP fields.

Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent. When calibrated the monitoring devices shall be accurate to within the following parameters:

ESP Secondary Voltage ±2% of reading or ±5% over its operating range

ESP Secondary Current ±1% of reading or ±5% over its operating range

The monitoring parameters must be measured and recorded at the frequency indicated in the table above. Immediate corrective action should be taken if the monitoring parameters fall outside of the range specified in this condition.

Recordkeeping Requirements

39. Records shall be maintained at this facility site and made available at the request of personnel from TCEQ or any other air pollution control program having jurisdiction to demonstrate compliance with permit limitations. These records shall be totaled for each calendar month, retained for a rolling 60-month period, and include the following:

    (1) Average daily production throughput for the kilns in terms of board feet calculated monthly. Compliance with hourly emission rates for all seven lumber kilns shall be determined from calendar monthly production records and hours of operation;

    (2) Daily and annual throughputs (in tons) to demonstrate compliance with Special Condition No. 25. Compliance with hourly throughputs shall be determined from records of monthly throughputs and hours of operation;

    (3) Annual propane usage in gallons per year; **(03/22)**

    (4) Steam generation rates in the Wood-Fired Boiler in lb per hour (calendar month-average) and klb per year; **(05/25)**

    (5) Wood fuel feed rate to the kiln wood burner, logged with each kiln charge on a tons per hour basis and totalized monthly;

    (6) Quarterly observations for visible fugitive emissions and/or opacity determinations from the Planer Cyclone Stack (EPN 28), conveying, handling, storage, or loadout of bark, shavings, chips, sawdust, and ash, propane vaporizers, boiler fuel house, planer mill, Small Log Mill, and sawmill; **(03/22)**

    (7) Hourly and annual emission rates in lbs/hr and tpy, respectively, of VOC, PM_{10}, NO_x, CO, and SO_2 for EPNs 22, 91, and 92 during planned MSS activities. Compliance with hourly emission rates shall be determined from monthly records; and

    (8) Records of the stack test results for all the pollutants sampled as required by the permit (no monthly total required). **(05/25)**

Date: May 22, 2025

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 1037 and PSDTX924M3

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

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
21A	Boiler Fuel House (5)	PM	0.25	0.24
		PM_{10}	0.12	0.11
		$PM_{2.5}$	0.02	0.02
22	Wood-Fired Boiler ESP Stack	VOC (as C)	8.41	32.94
		NO_X	35.19	137.82
		SO_2	1.90	7.42
		PM	4.49	17.59
		PM_{10}	3.85	15.07
		$PM_{2.5}$	3.62	14.19
		CO	452.56	1772.51
		HAPs	3.00	11.76
22 (MSS)	Wood-Fired Boiler ESP Stack - MSS	VOC (as C)	0.44	0.09
		NO_X	7.10	1.46
		SO_2	0.82	0.17
		PM	0.38	0.08
		PM_{10}	0.38	0.08
		$PM_{2.5}$	0.38	0.08
		CO	4.10	0.84
		HAPs	0.09	0.02
28	Planer Cyclone Stack	PM	2.47	8.02
		PM_{10}	2.17	7.05
		$PM_{2.5}$	2.17	7.05
91	Small Log Mill Batch Kiln No. 1 Vents	VOC (8)	56.83	192.11
		NO_X	5.20	16.52

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
		SO_2	0.21	0.66
		PM	5.07	17.14
		PM_{10}	4.70	15.91
		$PM_{2.5}$	2.68	9.07
		CO	8.21	26.06
		HAPs	4.14	13.94
91(MSS)	Small Batch Kiln No. 1 Vents - MSS	VOC	0.01	-
		NO_X	0.21	-
		SO_2	0.02	-
		PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.12	
93	Small Log Mill Continuous Kiln No. 1	VOC (8)	80.15	263.46
		NO_X	9.15	40.08
		SO_2	0.37	1.61
		PM	7.15	23.50
		PM_{10}	6.64	21.81
		$PM_{2.5}$	3.79	12.44
		CO	14.44	63.24
		HAPs	5.92	19.91
93 (MSS)	Small Log Mill Continuous Kiln No. 1 - MSS	VOC	0.01	-
		NO_X	0.21	-
		SO_2	0.02	-
		PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
		CO	0.12	-
91 and 93 MSS	Small Log Kilns MSS	VOC	-	0.01
		NO_X	-	0.08
		SO_2	-	0.01
		PM	-	<0.01
		PM_{10}	-	<0.01
		$PM_{2.5}$	-	<0.01
		CO	-	0.05
101 (7)	Sawmill Dry Kiln No. 1 Vents	VOC (8)	45.52	178.39
		PM	0.56	2.18
		PM_{10}	0.56	2.18
		$PM_{2.5}$	0.55	2.17
		HAPs	3.22	12.62
102 (7)	Sawmill Dry Kiln No. 2 Vents	VOC (8)	45.52	178.39
		PM	0.56	2.18
		PM_{10}	0.56	2.18
		$PM_{2.5}$	0.55	2.17
		HAPs	3.22	12.62
103 (7)	Sawmill Dry Kiln No. 3 Vents	VOC (8)	45.52	178.39
		PM	0.56	2.18
		PM_{10}	0.56	2.18
		$PM_{2.5}$	0.55	2.17
		HAPs	3.22	12.62
104 (7)	Sawmill Dry Kiln No. 4 Vents	VOC (8)	45.52	178.39
		PM	0.56	2.18
		PM_{10}	0.56	2.18
		$PM_{2.5}$	0.55	2.17

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
		HAPs	3.22	12.62
106	Shavings Truck Loading (5)	PM	0.08	0.05
		PM_{10}	0.04	0.03
		$PM_{2.5}$	0.01	<0.01
120	Small Log Mill Debarker (5)	PM	0.08	0.14
		PM_{10}	0.04	0.08
		$PM_{2.5}$	0.01	0.03
121	Sawmill Debarker (5)	PM	0.10	0.18
		PM_{10}	0.06	0.11
		$PM_{2.5}$	0.02	0.03
122	Boiler Fuel House Loading (5)	PM	0.09	0.12
		PM_{10}	0.04	0.06
		$PM_{2.5}$	0.01	0.01
123	Small Log Mill (5)	PM	0.36	0.66
		PM_{10}	0.13	0.24
		$PM_{2.5}$	0.04	0.07
124	Sawmill (5)	PM	0.64	0.84
		PM_{10}	0.23	0.30
		$PM_{2.5}$	0.07	0.09
130 (7)	Sawmill Dry Kiln No. 5 Vents	VOC (8)	45.52	178.39
		PM	0.56	2.18
		PM_{10}	0.56	2.18
		$PM_{2.5}$	0.55	2.17
		HAPs	3.22	12.62
144	Propane Vaporizers (5)	VOC (as C)	0.01	0.04
		NO_X	0.14	0.62
		SO_2	0.02	0.07

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)
		PM	0.01	0.03
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
		CO	0.08	0.36
147	Ash Handling (5)	PM	0.09	0.21
		PM_{10}	0.04	0.10
		$PM_{2.5}$	0.01	0.02
148	Small Log Mill Material Handling (5)	PM	0.21	0.39
		PM_{10}	0.10	0.18
		$PM_{2.5}$	0.02	0.03
149	Sawmill Material Handling (5)	PM	1.14	1.69
		PM_{10}	0.54	0.80
		$PM_{2.5}$	0.08	0.12

(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_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - 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 (40 CFR) Part 63, Subpart C
(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) For determination of compliance, emissions from the five steam-heated Kilns (EPNs 101, 102, 103, 104, and 130) should be summed.
(8) VOC presented on a Wood Products Protocol No. 1 (WPP1) basis.

Date: May 22, 2025