



Georgia-Pacific Gypsum LLC

Sweetwater Gypsum Wallboard Plant
310 FM 1856
Sweetwater, Texas 79556
(325) 236-6857
www.gp.com

Submitted electronically via ePermits

October 10, 2024

Mr. Samuel Short
Deputy Director, Air Permit Division
c/o Air Permits Initial Review Team
Texas Commission on Environmental Quality
12100 Park 35 Circle, Building C, Third Floor, MC-161
Austin, TX 78753

Re: Permit by Rule Registration and Certification
Mobile Standalone Screening Unit and Conveyors
Sweetwater Gypsum Wallboard Plant
Georgia-Pacific Gypsum LLC
Sweetwater, Nolan County, Texas
Regulated Entity Number: RN100222702
Customer Reference Number: CN603141128
Air Account Number: ND-0009-L

Dear Mr. Short:

Georgia-Pacific Gypsum LLC is submitting the attached Permit by Rule registration to document authorization of installation of a second standalone screening unit and associated belt conveyors at the Sweetwater Gypsum Wallboard Plant. The attached registration demonstrates that the requirements of 30 TAC §§106.261 (Facilities [Emission Limitations]) and 106.262 (Facilities [Emission and Distance Limitations]) and the PBR general requirements in §106.4 are satisfied and also serves as the notifications required by 30 TAC §§106.261(a)(7) and 106.262(a)(3).

If you should require additional information or if you have any questions regarding this submittal, please contact Ms. Sara Souweidane, our Environmental Coordinator, at (325) 219-2844 or via email at Sara.Souweidane@gapac.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Brad Bowman', written over a horizontal line.

Brad Bowman
Plant Manager

cc: Mr. Michael Taylor, P.G., Regional Director – TCEQ Region 3 (Abilene)
(submitted electronically via ePermits)

**PERMIT-BY-RULE REGISTRATION
30 TAC §§106.261 AND 106.262**

**MOBILE STANDALONE SCREENING UNIT
AND BELT CONVEYORS**



PREPARED FOR:

Georgia-Pacific Gypsum LLC – Sweetwater Gypsum Wallboard Plant
310 Farm-to-Market 1856
Sweetwater, Texas 79556
Account No.: ND-0009-L

October 2024

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SECTION 1.0

FORM PI-7-CERT

**Certification and Registration for Permits by Rule
Form PI-7-CERT
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I. Registrant Information
A. Company or Other Legal Customer Name: Georgia-Pacific Gypsum LLC
Company Official Contact Information (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Other _____)
Name: Brad Bowman
Title: Plant Manager
Mailing Address: 310 FM 1856
City: Sweetwater
State: Texas
ZIP Code: 79556
Phone: (325) 219-6286
Fax:
Email Address: robert.bowman@gapac.com
<i>All PBR registration responses will be sent via email.</i>
A. Technical Contact Information (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Other _____)
Name: Sara Souweidane
Title: Environmental Manager
Company Name: Georgia-Pacific Gypsum LLC
Mailing Address: 310 FM 1856
City: Sweetwater
State: Texas
ZIP Code: 79556
Phone Number: (325) 219-2844
Fax Number:
Email Address: Sara.Souweidane@gapac.com

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II. Facility and Site Information
A. Name and Type of Facility
Facility Name: Mobile Standalone Screening Unit and Associated Belt Conveyors
Facility Type: <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary
For portable units, please provide the serial number of the equipment being authorized below.
Serial No(s):
B. Facility Location Information
Street Address: 310 FM 1856
If there is no street address, provide written driving directions to the site and provide the closest city or town, county, and ZIP code for the site (attach description if additional space is needed).
City: Sweetwater
County: Nolan
ZIP Code: 79556
C. TCEQ Core Data Form
Is the Core Data Form (TCEQ Form Number 10400) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If "NO," provide customer reference number (CN) and regulated entity number (RN) below.
Customer Reference Number (CN): CN603141128
Regulated Entity Number (RN): RN100222702
D. TCEQ Account Identification Number (if known): ND-0009-L
E. Type of Action
<input checked="" type="checkbox"/> Initial Application <input type="checkbox"/> Change to Registration
For Change to Registration provide the Registration Number:
F. PBR number(s) claimed under 30 TAC Chapter 106
(List all the individual rule number(s) that are being claimed.)
106.261
106.262
106.
106.

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II. Facility and Site Information (continued)
G. Historical Standard Exemption or PBR
Are you claiming a historical standard exemption or PBR? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "YES," enter rule number(s) and associated effective date in the spaces provided below.</i>
Rule Number: Effective Date:
Rule Number: Effective Date:
H. Previous Standard Exemption or PBR Registration Number
Is this authorization for a change to an existing facility previously authorized under a standard exemption or PBR? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "YES," enter previous standard exemption number(s) and PBR registration number(s) and associated effective dates in the spaces provided below.</i>
Standard Exemption and PBR Registration Number:
Effective Date:
I. Other Facilities at this Site Authorized by Standard Exemption, PBR, or Standard Permit
Are there any other facilities at this site that are authorized by an Air Standard Exemption, PBR, or Standard Permit? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>If "YES," enter standard exemption number(s), PBR registration number(s), and Standard Permit registration number(s), and associated effective date in the spaces provided below.</i>
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s): <i>See Attachment</i>
Effective Date:
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s):
Effective Date:
Standard Exemption, PBR Registration, and Standard Permit Registration Number(s):
Effective Date:
J. Other Air Preconstruction Permits
Are there any other air preconstruction permits at this site? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>If "YES," enter permit number(s) in the spaces provided below.</i>
34340
K. Affected Air Preconstruction Permits
Does the PBR being claimed directly affect any permitted facility? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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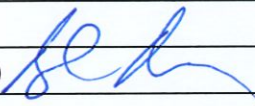
II. Facility and Site Information <i>(continued)</i>
If "YES," enter the permit number(s) in the spaces provided below.
L. Federal Operating Permit (FOP) Requirements (30 TAC Chapter 122 Applicability)
1. Is this facility located at a site that is required to obtain an FOP pursuant to 30 TAC Chapter 122? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> To Be Determined
If the site currently has an existing FOP, enter the permit number: O1087
Check the requirements of 30 TAC Chapter 122 that will be triggered if this certification is accepted. <i>(check all that apply)</i>
<input type="checkbox"/> Initial Application for a FOP <input type="checkbox"/> Significant Revision for an SOP <input type="checkbox"/> Minor Revision for an SOP
<input checked="" type="checkbox"/> Operational Flexibility/Off Permit Notification for an SOP <input type="checkbox"/> Revision for a GOP
<input type="checkbox"/> To be Determined <input type="checkbox"/> None
2. Identify the type(s) of FOP issued and/or FOP application(s) submitted/pending for the site. <i>(check all that apply)</i>
<input checked="" type="checkbox"/> SOP <input type="checkbox"/> GOP <input type="checkbox"/> GOP application/revision (submitted or under APD review)
<input type="checkbox"/> N/A <input checked="" type="checkbox"/> SOP application/revision (submitted or under APD review)
III. Fee Information <i>(See Section VII. for address to send fee or go to www.tceq.texas.gov/epay to pay online.)</i>
A. Fee Requirements
Is a fee required per Title 30 TAC § 106.50? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
If "NO," specify the exception. There are three exceptions to paying a PBR fee. <i>(check all that apply)</i>
1. Registration is solely to establish a federally enforceable emission limit. <input type="checkbox"/>
2. Registration is within six months of an initial PBR review, and it is addressing deficiencies, administrative changes, or other allowed changes. <input type="checkbox"/>
3. Registration is for a remediation project (30 TAC § 106.533). <input type="checkbox"/>
B. Fee Amount
1. A \$100 fee is required if <i>any</i> of the answers in III.B.1 are "YES."
This business has less than 100 employees. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
This business has less than \$6 million dollars in annual gross receipts. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
This registration is submitted by a governmental entity with a population of less than 10,000. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
This registration is submitted by a non-profit organization. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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III. Fee Information (See Section VII. for address to send fee or go to www.tceq.texas.gov/epay to pay online.) (continued)
2. A \$450 fee is required for all other registrations
A. Payment Information
Check/money order/transaction or voucher number: N/A (paid via ePay in ePermits)
Individual or company name on check: N/A (paid via ePay in ePermits)
Fee Amount: \$450
Was the fee paid online? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
IV. Technical Information Including State And Federal Regulatory Requirements Check the appropriate box to indicate what is included in your submittal. NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the PBR must be provided. Not providing key information could result in a deficiency of the project.
A. PBR requirements (Checklists are optional; however, your review will go faster if you provide applicable checklists.)
Did you demonstrate that the general requirements in 30 TAC § 106.4 are met? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Did you demonstrate that the individual requirements of the specific PBR are met? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B Confidential Information Included (If confidential information is submitted with this registration, all confidential pages must be properly marked "CONFIDENTIAL.") <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Process Flow Diagram: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Process Description: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Maximum Emissions Data and Calculations: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Note: If the facilities listed in this registration are subject to the Mass Emissions Cap & Trade program under 30 TAC Chapter 101, Subchapter H, Division 3 , the owner/operator of these facilities must possess NO _x allowances equivalent to the actual NO _x emissions from these facilities.
F. Is this certification being submitted to certify the emissions for the entire site? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If "NO," include a summary of the specific facilities and emissions being certified.
G. Table 1(a) (Form 10153) Emission Point Summary: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO¹
H. Distances from Property Line and Nearest Off-Property Structure
Distance from this facility's emission release point to the nearest property line: >100 feet
Distance from this facility's emission release point to the nearest off-property structure: >100 feet

¹ Summary table provided in lieu of Table 1(a).
TCEQ-20182 (APD-ID177v1.0, revised 12/22) PI-7-CERT
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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IV. Technical Information Including State and Federal Regulatory Requirements Check the appropriate box to indicate what is included in your submittal. <i>NOTE: Any technical or essential information needed to confirm that facilities are meeting the requirements of the PBR must be provided. Not providing key information could result in a deficiency of the project.</i>	
I. Project Status	
Has the company implemented the project or waiting on a response from TCEQ? <input checked="" type="checkbox"/> Implemented² <input type="checkbox"/> Waiting	
J. Projected Start of Construction and Projected Start of Operation Dates:	
Projected Start of Construction (provide date): October 2024	
Projected Start of Operation (provide date): October 2024	
V. Delinquent Fees	
This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ is paid in accordance with the Delinquent Fee and Penalty Protocol. For more information regarding Delinquent Fees and Penalties, go to the TCEQ website at: www.tceq.texas.gov/agency/financial/fees/delin/index.html .	
VI. Signature For Registration and Certification	
The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. I further state that to the best of my knowledge and belief, the project for which this application is made will not in any way violate any provision of the Texas Water Code (TWC), Chapter 7; the Texas Health and Safety Code, Chapter 382, the Texas Clean Air Act (TCAA); the air quality rules of the Texas Commission on Environmental Quality; or any local governmental ordinance or resolution enacted pursuant to the TCAA. I further state that I understand my signature indicates that this application meets all applicable nonattainment, prevention of significant deterioration, or major source of hazardous air pollutant permitting requirements. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.	
Name (printed): Brad Bowman	
Signature (original signature required) 	
Date: 10-10-24	

²Georgia-Pacific intends to make the changes very soon. However, the project is not yet implemented.
TCEQ-20182 (APD-ID177v1.0, revised 12/22) PI-7-CERT
This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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VII. Submitting Copies of the Certification and Registration

Copies must be sent as listed below.

Processing delays may occur if copies are not sent as noted.

Who	Where	What
Air Permits Initial Review Team (APIRT)	Regular, Certified, Priority Mail MC 161, P.O. Box 13087 Austin, Texas 78711-3087 Hand Delivery, Overnight Mail MC 161, 12100 Park 35 Circle, Building C, Third Floor Austin, Texas 78753	Originals Form PI-7-CERT, Core Data Form, and all attachments. Not required if using ePermits ³ .
Revenue Section, TCEQ	Regular, Certified, Priority Mail MC 214, P.O. Box 13088 Austin, Texas 78711-3088 Hand Delivery, Overnight Mail MC 214, 12100 Park 35 Circle, Building A, Third Floor Austin, Texas 78753	Original Money Order or Check, Copy of Form PI-7-CERT, and Core Data Form. Not required if fee was paid using ePay ⁴ .
Appropriate TCEQ Regional Office	To find your Regional Office address, go to the TCEQ website at www.tceq.texas.gov/agency/directory/region , or call (512) 239-1250.	Copy of Form PI-7-CERT, Core Data Form, and all attachments. Not required if using ePermits Error! Bookmark not defined.
Appropriate Local Air Pollution Control Program(s)	To Find your local or Regional Air Pollution Control Programs go to the TCEQ, APD website at www.tceq.texas.gov/permitting/air/local_programs.html , or call (512)-239-1250	Copy of Form PI-7-CERT, Core Data Form, and all attachments.

³ ePermits located at www3.tceq.texas.gov/steers/

⁴ ePay located at www.tceq.texas.gov/epay

TCEQ-20182 (APD-ID177v1.0, revised 12/22) PI-7-CERT

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Attachment to Form PI-7-CERT
Response to Question II.I**

PBR Registration No.	Project Description	PBR Registration Issuance Date	PBR Claimed
115748	Process Water Heater	1/13/2014	106.183
149581	CNC Sample Cutting Machine	12/21/2017	106.261
165027	Ball Mill 3 Replacement	5/11/2021	106.264
169977	Ball Mill 2 Replacement	8/24/2022	106.264
171015	West Line Dry Additive Handling System	12/1/2022	106.262
172627	East Line Grinding Agent Unloading Flexibility	5/12/2023	106.261
172693	East Line Large Rock Separation Project	5/26/2023	106.261
173649	West Line Process Water Heater Replacement	8/23/2023	106.264
174149	Standalone Screening Unit and Associated Conveyors	10/16/2023	106.261 and 106.262
177256	Vibratory Feeders and Landplaster Cyclone Separators Replacements	8/22/2024	106.264

SECTION 2.0

PBR REGISTRATION FEE

2.0 PBR REGISTRATION FEE

As required by §106.50, Georgia-Pacific Gypsum LLC (Georgia-Pacific) has submitted the required PBR registration fee of \$450 via ePermits concurrently with the electronic submittal of this registration. In addition, Georgia-Pacific submitted an air permitting surcharge payment of \$500 to expedite processing of the registration.

SECTION 3.0

SITE DESCRIPTION AND PROJECT INFORMATION

3.0 SITE DESCRIPTION, PROJECT INFORMATION AND PROCESS FLOW DIAGRAM

Georgia-Pacific owns and operates a wallboard manufacturing plant in Sweetwater, Nolan County, Texas that is referred to as the Sweetwater Gypsum Wallboard Plant (the “Plant”). The Plant is subject to the permitting requirements of the Texas Commission on Environmental Quality (TCEQ) and is operating under NSR Permit No. 34340, Site Operating Permit No. O1087, and a number of other minor NSR authorizations (e.g., Permits by Rule). The primary activity at the Plant is gypsum wallboard manufacturing (Standard Industrial Classification [SIC] code 3275). The primary processes of this operation include gypsum processing, board forming, board drying, and finishing.

With this submittal, Georgia-Pacific is registering the installation and operation of a standalone screening unit¹ to separate gypsum rock from impurities (e.g., mud). It may also be used to size gypsum rock². The unit will operate on the East and West Line properties and will be powered by a diesel-fired generator³. In addition, up to three mobile belt conveyors may be added to transfer material from the screener (or other facilities at the site) to piles and/or other equipment, as required operationally; these mobile conveyors will also be powered by diesel-fired generators³. This project will result in increases in actual emissions from the new equipment only.

Georgia-Pacific is submitting this registration to document the installation and operation of a standalone screening unit, three mobile belt conveyors, and associated facilities is authorized by the TCEQ PBR program, specifically 30 TAC §§106.261 (Facilities [Emission Limitations]) and 106.262 (Facilities [Emission and Distance Limitations]). This submittal also serves as the notifications required by §§106.261(a)(7) and 106.262(a)(3). As demonstrated herein, Georgia-

¹ This is a separate, second standalone screening unit (i.e., not the same unit authorized under PBR Registration No. 174149).

² Gypsum is a listed material under §106.261(a)(2). Therefore, the emissions associated with the use of the screener size gypsum rock and the associated material transfers are being registered under §106.261; in this operating scenario, the unit will remain at least 100 feet from any recreational area or residence or other structure not occupied or used solely by Georgia-Pacific. When the screener is used for separating gypsum rock from impurities, the emissions from the screener and associated transfers are being authorized under the applicable limits in §106.261 for PM and §106.262 for PM₁₀ and PM_{2.5} as the material being handled may not all be gypsum (e.g., overburden). During this operating scenario, the unit will remain at least 1,250 feet from the nearest any recreational area or residence or other structure not occupied or used solely by Georgia-Pacific.

³ The associated engines are non-road mobile engines used to propel the equipment from one location to another in addition to operating the equipment. The engines will not remain at a single point or location at the site for more than 12 months. As directed in the TCEQ Rule Interpretation Memo dated June 2, 2003, the engines are exempt from the permitting requirements in 30 TAC Chapters 106 and 116, as they are not part of the stationary source. Therefore, the engines are not otherwise addressed in this registration.

Pacific will comply with all of the requirements of §§106.261 and 106.262 as well as the PBR general requirements specified in §106.4, the certification requirements in §106.6, the recordkeeping requirements specified in §106.8, and all other rules related to PBRs.

SECTION 4.0

TCEQ PBR CHECKLISTS AND PERMITS BY RULE GENERAL FACILITIES WORKBOOK

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

The following checklist was developed by the Texas Commission on Environmental Quality (TCEQ), **Air Permits Division**, to assist applicants in determining whether or not a facility meets all of the applicable requirements. Before claiming a specific Permit by Rule (PBR), a facility must first meet all of the requirements of **Title 30 Texas Administrative Code § 106.4** (30 TAC § 106.4), "Requirements for Permitting by Rule." Only then can the applicant proceed with addressing requirements of the specific Permit by Rule being claimed.

The use of this checklist is not mandatory; however, it is the responsibility of each applicant to show how a facility being claimed under a PBR meets the general requirements of 30 TAC § 106.4 and also the specific requirements of the PBR being claimed. If all PBR requirements cannot be met, a facility will not be allowed to operate under the PBR and an application for a construction permit may be required under 30 TAC § 116.110(a).

Registration of a facility under a PBR can be performed by completing **Form PI-7** (Registration for Permits by Rule) or **Form PI-7-CERT** (Certification and Registration for Permits by Rule). The appropriate checklist should accompany the registration form. Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the question number. The PBR forms, tables, checklists, and guidance documents are available from the TCEQ, Air Permits Division website at: www.tceq.texas.gov/permitting/air/nav/air_pbr.html.

1. 30 TAC § 106.4(a)(1) and (4): Emission Limits	Answer
List emissions in tpy for each facility (add additional pages or table if needed): See Section 5.0.	
Are the SO ₂ , PM ₁₀ , VOC, or other air contaminant emissions claimed for each facility in this PBR submittal less than 25 tpy?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Are the NO _x and CO emissions claimed for each facility in this PBR submittal less than 250 tpy?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>If the answer to both is "Yes," continue to the question below. If the answer to either question is "No," a PBR cannot be claimed.</i>	
Has any facility at the property had public notice and opportunity for comment under 30 TAC Section 116 for a regular permit or permit renewal? (This does not include public notice for voluntary emission reduction permits, grandfathered existing facility permits, or federal operating permits.)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>If "Yes," skip to Section 2. If "No," continue to the questions below.</i>	
If the site has had no public notice, please answer the following:	
Are the SO ₂ , PM ₁₀ , VOC, or other emissions claimed for all facilities in this PBR submittal less than 25 tpy?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Are the NO _x and CO emissions claimed for all facilities in this PBR submittal less than 250 tpy?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>If the answer to both questions is "Yes," continue to Section 2.</i>	
<i>If the answer to either question is "No," a PBR cannot be claimed. A permit will be required under Chapter 116.</i>	

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

2. 30 TAC § 106.4(a)(2): Nonattainment Check	Answer
Are the facilities to be claimed under this PBR located in a designated ozone nonattainment county?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "Yes," please indicate which county by checking the appropriate box to the right.</i>	
(Moderate) - Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller counties:	<input type="checkbox"/> HGB
(Moderate) - Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties:	<input type="checkbox"/> DFW
<i>If "Yes," to any of the above, continue to the next question. If "No," continue to Section 3.</i>	
Does this project trigger a nonattainment review?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Is the project's potential to emit (PTE) for emissions of VOC or NO _x increasing by 100 tpy or more?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>PTE is the maximum capacity of a stationary source to emit any air pollutant under its worst-case physical and operational design unless limited by a permit, rules, or made federally enforceable by a certification.</i>	
Is the site an existing major nonattainment site and are the emissions of VOC or NO _x increasing by 40 tpy or more?	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>If needed, attach contemporaneous netting calculations per nonattainment guidance.</i>	
Additional information can be found at: www.tceq.texas.gov/permitting/air/forms/newsourcereview/tables/nsr_table8.html and www.tceq.texas.gov/permitting/air/nav/air_docs_newsourcereview.html	
<i>If "Yes," to any of the above, the project is a major source or a major modification and a PBR may not be used. A Nonattainment Permit review must be completed to authorize this project. If "No," continue to Section 3.</i>	
3. 30 TAC § 106.4(a)(3): Prevention of Significant Deterioration (PSD) check	
Does this project trigger a review under PSD rules? <i>No</i>	
To determine the answer, review the information below:	
Are emissions of any regulated criteria pollutant increasing by 100 tpy of any criteria pollutant at a named source?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Are emissions of any criteria pollutant increasing by 250 tpy of any criteria pollutant at an unnamed source?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Are emissions increasing above significance levels at an existing major site?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
PSD information can be found at: www.tceq.texas.gov/assets/public/permitting/air/Forms/NewSourceReview/Tables/10173tbl.pdf and www.tceq.texas.gov/permitting/air/nav/air_docs_newsourcereview.html	
<i>If "Yes," to any of the above, a PBR may not be used. A PSD Permit review must be completed to authorize the project.</i>	
<i>If "No," continue to Section 4.</i>	

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

4. 30 TAC § 106.4(a)(6): Federal Requirements	Answer
Will all facilities under this PBR meet applicable requirements of Title 40 Code of Federal Regulations (40 CFR) Part 60, New Source Performance Standards (NSPS)?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
If "Yes," which Subparts are applicable? (<i>answer below.</i>)	
Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants	
Will all facilities under this PBR meet applicable requirements of 40 CFR Part 63, Hazardous Air Pollutants Maximum Achievable Control Technology (MACT) standards?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
If "Yes," which Subparts are applicable? (<i>answer below.</i>)	
Will all facilities under this PBR meet applicable requirements of 40 CFR Part 61, National Emissions Standards for Hazardous Air Pollutants (NESHAPs)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
If "Yes," which Subparts are applicable? (<i>answer below.</i>)	
<i>If "Yes" to any of the above, please attach a discussion of how the facilities will meet any applicable standards.</i>	
5. 30 TAC § 106.4(a)(7): PBR prohibition check	
Are there any air permits at the site containing conditions which prohibit or restrict the use of PBRs?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "Yes," PBRs may not be used or their use must meet the restrictions of the permit. A new permit or permit amendment may be required.</i>	
List permit number(s):	
6. 30 TAC § 106.4(a)(8): NO_x Cap and Trade	
Is the facility located in Harris, Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, or Waller County?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If "Yes," answer the question below.</i>	
<i>If "No," continue to Section 7.</i>	
Will the proposed facility or group of facilities obtain required allowances for NO _x if they are subject to 30 TAC Chapter 101, Subchapter H, Division 3 (relating to the Mass Emissions Cap and Trade Program)?	<input type="checkbox"/> YES <input type="checkbox"/> NO

Texas Commission on Environmental Quality
Permit by Rule Applicability Checklist
Title 30 Texas Administrative Code § 106.4

7. Highly Reactive Volatile Organic Compounds (HRVOC) check		
Is the facility located in Harris County?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<i>If "Yes," answer the next question. If "No," skip to the box below.</i>		
Will the project be constructed after June 1, 2006?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<i>If "Yes," answer the next question.</i>		
<i>If "No," skip to the box below.</i>		
Will one or more of the following HRVOC be emitted as a part of this project?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<i>If "Yes," complete the information below:</i>		
Information	lb/hr	tpy
▶ 1,3-butadiene		
▶ all isomers of butene (e.g., isobutene [2-methylpropene or isobutylene])		
▶ alpha-butylene (ethylethylene)		
▶ beta-butylene (dimethylethylene, including both cis- and trans-isomers)		
▶ ethylene		
▶ propylene		
Is the facility located in Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, or Waller County?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<i>If "Yes," answer the next question. If "No," the checklist is complete.</i>		
Will the project be constructed after June 1, 2006?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<i>If "Yes," answer the next question. If "No," the checklist is complete.</i>		
Will one or more of the following HRVOC be emitted as a part of this project?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
<i>If "Yes," complete the information below:</i>		
Information	lb/hr	tpy
▶ ethylene		
▶ propylene		

**Title 30 Texas Administrative Code § 106.261
Permit By Rule (PBR) Checklist
Facilities (Emission Limitations)
Texas Commission on Environmental Quality**

The following checklist is designed to help you confirm that you meet Title 30 Texas Administrative Code § 106.261 (30 TAC § 106.261) requirements. If you do not meet all the requirements, you may alter the project design or operation in such a way that all the requirements of the PBR are met or you may obtain a construction permit. The PBR forms, tables, checklists, and guidance documents are available from the Texas Commission on Environmental Quality (TCEQ) Air Permits Division website at, www.tceq.texas.gov/permitting/air/air_permits.html

For additional assistance with your application, including resources to help calculate your emissions, please visit the Small Business and Local Government Assistance (SBLGA) webpage at the following link: www.TexasEnviroHelp.org

Check the Most Appropriate Answer.

Check The Most Appropriate Answer	Answer
Is a description or checklist of how this claim meets the general requirements for the use of PBRs in 30 TAC § 106.4 attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
b1 Is this claim for construction of a facility authorized in another section of this chapter or for which a standard permit is in effect?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
<i>If YES," this PBR cannot be used to authorize emissions from the project.</i>	
b2 Is this claim for any change to any facility authorized under another section of this chapter or authorized under a standard permit?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
<i>If "YES," this PBR cannot be used to authorize emissions from the project</i>	
a Does this project represent a physical or operational change to an NSR permitted facility in which the result of the project is an increase in only annual emissions with no impact to the currently authorized hourly emission rate? ¹	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
a1 Are facilities or changes located at least 100 feet from any recreational area or residence or other structure not occupied or used solely by the owner or operator of the facilities or the owner of the property upon which the facilities are located?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
a2 Are total new or increased emissions, including fugitives, less than or equal to 6.0 pounds per hour (lb/hr) and ten tons per year of the following materials ²	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA

¹ Project emission increases associated with a change to a facility that only result in an annual emissions increase can be authorized as part of the PBR claim if the following information is met: 1) the hourly emissions stay at or below current authorized emission limits; 2) there is not a change to any underlying air authorizations for the applicable units associated with BACT, health and environmental impacts, or other representations (i.e. construction plans, PI-7-CERT. The annual emission increases associated with the PBR claim may not circumvent major new source review requirements under 30 TAC Chapter 116.

² Any upstream and/or downstream actual emission increases that result from a project for which this PBR is claimed need to be authorized appropriately. Any associated upstream and/or downstream emissions authorized as part of the PBR claim will need to be included as part of the total new or increased emissions, unless: 1) these emissions stay at or below current authorized emission limits; 2) there is not a change to any underlying air authorizations for the applicable units associated with BACT, health and environmental impacts, or other representations (i.e. construction plans, operating procedures, throughputs, maximum emission rates, etc.); and 3) this claim is certified via PI-7 CERT. Notwithstanding the exclusion of any upstream and/or downstream emissions under this PBR claim, the total of all emission increases, including upstream and/or downstream actual emission increases, are required to be part of the PBR registration to determine major new source review applicability under Title 30 TAC Chapter 116. The emission increases associated with the PBR claim and all upstream and/or downstream actual emission increases may not circumvent major new source review requirements under 30 TAC Chapter 116.

Title 30 Texas Administrative Code § 106.261
Permit By Rule (PBR) Checklist
Facilities (Emission Limitations)
Texas Commission on Environmental Quality

Check All That Apply			
<input type="checkbox"/> acetylene	<input type="checkbox"/> cyclopentane	<input type="checkbox"/> kaolin	<input type="checkbox"/> propane
<input type="checkbox"/> alumina	<input type="checkbox"/> emery dust	<input type="checkbox"/> limestone	<input type="checkbox"/> propyl alcohol
<input type="checkbox"/> argon	<input type="checkbox"/> ethanol	<input type="checkbox"/> magnesite	<input type="checkbox"/> propyl ether
<input type="checkbox"/> butane	<input type="checkbox"/> ethyl acetate	<input type="checkbox"/> marble	<input type="checkbox"/> propylene
<input type="checkbox"/> calcium carbonate	<input type="checkbox"/> ethyl ether	<input type="checkbox"/> methyl acetylene	<input type="checkbox"/> silicon
<input type="checkbox"/> calcium silicate	<input type="checkbox"/> ethylene	<input type="checkbox"/> methyl chloroform	<input type="checkbox"/> silicon carbide
<input type="checkbox"/> carbon monoxide	<input type="checkbox"/> glycerin mist	<input type="checkbox"/> methyl cyclohexane	<input type="checkbox"/> starch
<input type="checkbox"/> cellulose fiber	<input checked="" type="checkbox"/> gypsum	<input type="checkbox"/> neon	<input type="checkbox"/> sucrose
<input type="checkbox"/> cement dust	<input type="checkbox"/> helium	<input type="checkbox"/> nonane	<input type="checkbox"/> sulfur dioxide
<input type="checkbox"/> crude oil	<input type="checkbox"/> iron oxide dust	<input type="checkbox"/> oxides of nitrogen	<input type="checkbox"/> zinc oxide
<input type="checkbox"/> cyclohexane	<input type="checkbox"/> isohexane	<input type="checkbox"/> pentaerythritol	<input type="checkbox"/> zinc stearate
<input type="checkbox"/> cyclohexene	<input type="checkbox"/> isopropyl alcohol	<input type="checkbox"/> plaster of paris	
<input type="checkbox"/> refinery petroleum fractions (except for pyrolysis naphthas and pyrolysis gasoline) containing less than ten volume percent benzene			
<input type="checkbox"/> fluorocarbons Numbers 11, 12, 13, 14, 21, 22, 23, 113, 114, 115, and 116			

Title 30 Texas Administrative Code § 106.261
Permit By Rule (PBR) Checklist
Facilities (Emission Limitations)
Texas Commission on Environmental Quality

Check The Most Appropriate Answer	Answer
a3 Are total new or increased emissions, including fugitives, less than or equal to 1.0 lb/hr of any chemical having a limit value (L) greater than 200 milligrams per cubic meter (mg/m ³) as listed and referenced in Table 262 of 30 TAC § 106.262 of this title (relating to Facilities (Emission and Distance Limitations))? ¹	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
List chemical(s):	
L value(s):	
Are total new or increased emissions, including fugitives, less than or equal to 1.0 lb/hr of any chemical not listed or referenced in Table 262? ²	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
List chemical(s): PM (gypsum and impurities such as mud)	
Are total new or increased emissions, including fugitives, of a chemical with a limit value of less than 200 mg/m ³ ? ³	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
<i>If "YES" the authorization of the chemical is not allowed under this section. We suggest you use 30 TAC § 106.262 to authorize the emissions, if applicable.</i>	
a4 Are there any changes to or additions of any existing air pollution abatement equipment?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
a5 Will there be any visible emissions, except uncombined water, emitted to the atmosphere from any point or fugitive source in amounts greater than 5.0% opacity in any six-minute period?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
a6 Are emission increases five tons per year or greater?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
<i>If "YES," this checklist must be attached to a Form PI-7 within ten days following the installation or modification of the facilities.</i>	
[Note: The notification shall include the 106.261 and 106.262 Workbook, a description of the project, calculations, data identifying specific chemical names, limit values, and a description of pollution control equipment if any.]	
a7 Are emission increases less than five tons per year?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA
<i>If "YES," this checklist must be attached to a Form PI-7 and include the 106.261 and 106.262 Workbook, a description of the project, calculations, data identifying specific chemical names, limit values, and a description of pollution control equipment if any. (pick one):</i>	
Within ten days following the installation or modification of the facilities. The notification shall include a description of the project, calculations, data identifying specific chemical names, limit values, and a description of pollution control equipment if any	<input checked="" type="checkbox"/>
By March 31 of the following year summarizing all uses of this permit by rule in the previous calendar year.	<input type="checkbox"/>

¹ Same as ²

² Same as ²

³ Same as ²

**Title 30 Texas Administrative Code § 106.262
Permit by Rule (PBR) Checklist
Facilities (Emission and Distance Limitations)
Texas Commission on Environmental Quality**

The following checklist is designed to help you confirm that you meet Title 30 Texas Administrative Code § 106.262 (30 TAC § 106.262) requirements. If you do not meet all the requirements, you may alter the project design or operation in such a way that all the requirements of the PBR are met or you may obtain a construction permit. The PBR forms, tables, checklists, and guidance documents are available from the Texas Commission on Environmental Quality (TCEQ), Air Permits Division website at, www.tceq.texas.gov/nav/permits/air_permits.html.

For additional assistance with your application, including resources to help calculate your emissions, please visit the Small Business and Local Government Assistance (SBLGA) webpage at the following link: www.TexasEnviroHelp.org

Check the Most Appropriate Answer	
Is a description or checklist of how this claim meets the general requirements for the use of PBRs in 30 TAC § 106.4 attached?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
a Does this project represent a physical or operational change to an NSR permitted facility in which the result of the project is an increase in <i>only</i> annual emissions with no impact to the current authorized hourly emission rate? ¹	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
b1. Is this claim for construction of a facility authorized in another section of this chapter or for which a standard permit is in effect? <i>If "YES," this PBR cannot be used to authorize emissions from the project.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
b2. Is this claim for any change to any facility authorized under another section of this chapter or authorized under a standard permit? <i>If "YES," this PBR cannot be used to authorize emissions from the project.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
c. Is the facility authorized under another section of this chapter or under a standard permit? <i>If "YES," subsection (a)(2) and (3) of this section may be used to qualify the use of other chemicals at the facility.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
a1. Are facilities or changes located at least 100 feet from any recreational area or residence or other structure not occupied or used solely by the owner or operator of the facilities or the owner of the property upon which the facilities are located?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
a2. Are new or increased emissions, including fugitives, emitted in a quantity less than five tons per year or in a quantity less than E as determined by using the equation $E=L/K$? ² See Table 262 Figures 1 and 2. <i>If "YES," the notification shall include the 106.261 and 106.262 Workbook, a description of the project, calculations for all emissions being claimed under this PBR:</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
Chemical: Particulates Not Otherwise Classified – Inhalable (PM ₁₀) and Respirable (PM _{2.5})	
L value: 10, 3	
D: 1,250	
K: 29	

¹ Project emission increases associated with a change to a facility that only result in an annual emissions increase can be authorized as part of the PBR claim if the following information is met: 1) the hourly emissions stay at or below current authorized emission limits; 2) there is not a change to any underlying air authorizations for the applicable units associated with BACT or health and environmental impacts; and 3) this claim is certified via PI-7-CERT. The annual emission increases associated with the PBR claim may not circumvent major new source review requirements under 30 TAC Chapter 116.

² Any upstream and/or downstream actual emission increases that result from a project for which this PBR is claimed need to be authorized appropriately. Any associated upstream and/or downstream emissions authorized as part of the PBR claim will need to be included as part of the total new or increased emissions, unless: 1) these emissions stay at or below current authorized emission limits; 2) there is not a change to any underlying air authorizations for the applicable units associated with BACT, health and environmental impacts, or other representations (i.e. construction plans, operating procedures, throughputs, maximum emission rates, etc.); and 3) this claim is certified via PI-7 CERT. Notwithstanding the exclusion of any upstream and/or downstream emissions under this PBR claim, the total of all emission increases, including upstream and/or downstream actual emission increases, are required to be part of the PBR registration to determine major new source review applicability under Title 30 TAC Chapter 116. The emission increases associated with the PBR claim and all upstream and/or downstream actual emission increases may not circumvent major new source review requirements under 30 TAC Chapter 116.

Title 30 Texas Administrative Code § 106.262
Permit by Rule (PBR) Checklist
Facilities (Emission and Distance Limitations)
Texas Commission on Environmental Quality

Check the Most Appropriate Answer	
a3. Is this checklist attached to a Form PI-7 within ten days following the installation or modification of the facilities? <i>If "YES," the notification shall include the 106.261 and 106.262 Workbook, a description of the project, calculations, and data identifying specific chemical names, L values, and a description of pollution control equipment, if any.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
a4. Are one or more of the following chemicals is handled for this registration?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
(Check all that apply) <i>If "YES," answer the following four questions.</i>	
<input type="checkbox"/> acrolein	<input type="checkbox"/> diazomethane
<input type="checkbox"/> allyl chloride	<input type="checkbox"/> diborane
<input type="checkbox"/> ammonia (anhydrous)	<input type="checkbox"/> diglycidyl ether
<input type="checkbox"/> arsine	<input type="checkbox"/> dimethylhydrazine
<input type="checkbox"/> boron trifluoride	<input type="checkbox"/> ethyleneimine
<input type="checkbox"/> bromine	<input type="checkbox"/> ethyl mercaptan
<input type="checkbox"/> carbon disulfide	<input type="checkbox"/> fluorine
<input type="checkbox"/> chlorine	<input type="checkbox"/> formaldehyde (anhydrous)
<input type="checkbox"/> chlorine dioxide	<input type="checkbox"/> hydrogen bromide
<input type="checkbox"/> chlorine trifluoride	<input type="checkbox"/> hydrogen chloride
<input type="checkbox"/> chloroacetaldehyde	<input type="checkbox"/> hydrogen cyanide
<input type="checkbox"/> chloropicrin	<input type="checkbox"/> hydrogen fluoride
<input type="checkbox"/> chloroprene	<input type="checkbox"/> hydrogen selenide
<input type="checkbox"/> hydrogen sulfide	<input type="checkbox"/> ozone
<input type="checkbox"/> ketene	<input type="checkbox"/> pentaborane
<input type="checkbox"/> methylamine	<input type="checkbox"/> perchloromethyl mercaptan
<input type="checkbox"/> methyl bromide	<input type="checkbox"/> perchloryl fluoride
<input type="checkbox"/> methyl hydrazine	<input type="checkbox"/> phosgene
<input type="checkbox"/> methyl isocyanate	<input type="checkbox"/> phosphine
<input type="checkbox"/> methyl mercaptan	<input type="checkbox"/> phosphorus trichloride
<input type="checkbox"/> nickel carbonyl	<input type="checkbox"/> selenium
<input type="checkbox"/> nitric acid	<input type="checkbox"/> hexafluoride stibine
<input type="checkbox"/> nitric oxide	<input type="checkbox"/> liquefied sulfur dioxide
<input type="checkbox"/> nitrogen dioxide	<input type="checkbox"/> sulfur pentafluoride
<input type="checkbox"/> oxygen difluoride	<input type="checkbox"/> tellurium hexafluoride

Title 30 Texas Administrative Code § 106.262
Permit by Rule (PBR) Checklist
Facilities (Emission and Distance Limitations)
Texas Commission on Environmental Quality

Check the Most Appropriate Answer	
Are all facilities are located at least 300 feet from the nearest property line and 600 feet from any off-plant receptor?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
Are the cumulative amount of any of the following chemicals resulting from one or more authorizations under this section (but not including permit authorizations) less than or equal to 500 pounds on the plant property?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
Are all listed chemicals handled only in unheated containers operated in compliance with the United States Department of Transportation regulation (49 Code of Federal Regulation, Parts 171-178)?	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
a5. Are there any changes to or additions of any existing air pollution abatement equipment?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
a6. Will there be any visible emissions, except uncombined water, emitted to the atmosphere from any point or fugitive source in amounts greater than 5.0% opacity in any six-minute period?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

D (feet)	K	Value Description
100	326	E=maximum allowable hourly emission, and never to exceed 6 pounds per hour.
200	200	
300	139	
400	104	
600	65	
700	54	
800	46	K=value from the table on this page. (interpolate intermediate values)
900	39	
1,000	34	
2,000	14	D=distance to the nearest off-plant receptor
3,000 or more	8	

Table 262
Limit Values (L) for use with Exemptions from Permitting § 106.262

The values are not to be interpreted as acceptable health affects values relative to the issuance of any permits under Chapter 116 of this title (relating to Control of Air Pollution by Permits for new Construction or Modification).

Compound	Limit (L) Milligrams Per Cubic Meter
Acetone	590.
Acetaldehyde	9.
Acetone	4.
Acetonitrile	34.
Acetylene	2662.
N-Amyl Acetate	2.7
Sec-Amyl Acetate	1.1
Benzene	3.
Beryllium and Compounds	0.0005
Boron Trifluoride, as HF	0.5
Butyl Alcohol,	76.
Butyl Acrylate	19.
Butyl Chromate	0.01
Butyl Glycidyl Ether	30.
Butyl Mercaptain	0.3
Butyraldehyde	1.4
Butyric Acid	1.8
Butyronitrile	22.
Carbon Tetrachloride	12.
Chloroform	10.
Chlorophenol	0.2
Chloroprene	3.6
Chromic Acid	0.01
Chromium Metal, Chromium II and III Compounds	0.1
Chromium VI Compounds	0.01
Coal Tar Pitch Volatiles	0.1
Creosote	0.1
Cresol	0.5
Cumene	50.
Dicyclopentadiene	3.1
Diethylaminoethanol	5.5

Table 262
Limit Values (L) for use with Exemptions from Permitting § 106.262

The values are not to be interpreted as acceptable health affects values relative to the issuance of any permits under Chapter 116 of this title (relating to Control of Air Pollution by Permits for new Construction or Modification).

Compound	Limit (L) Milligrams Per Cubic Meter
Diisobutyl Ketone	63.9
Dimethyl Aniline	6.4
Dioxane	3.6
Dipropylamine	8.4
Ethyl Acrylate	0.5
Ethylene Dibromide	0.38
Ethylene Glycol	26.
Ethylene Glycol Dinitrate	0.1
Ethylidene 2-norbornene, 5	7.
Ethyl Mercaptan	0.08
Ethyl Sulfide	1.6
Glycolonitrile	5.
Halothane	16.
Heptane	350.
Hexanediamine, 1, 6	0.32
Hydrogen Chloride	1.
Hydrogen Fluoride	0.5
Hydrogen Sulfide	1.1
Isoamyl Acetate	133.
Isoamyl Alcohol	15.
Isobutyronitrile	22.
Kepone	0.001
Kerosene	100.
Malononitrile	8.
Mesityl Oxide	40.
Methyl Acrylate	5.8
Methyl Amyl Ketone	9.4
Methyl-T-Butyl Ether	45.
Methyl Butyl Ketone	4.
Methyl Disulfide	2.2

Table 262
Limit Values (L) for use with Exemptions from Permitting § 106.262

The values are not to be interpreted as acceptable health affects values relative to the issuance of any permits under Chapter 116 of this title (relating to Control of Air Pollution by Permits for new Construction or Modification).

Compound	Limit (L) Milligrams Per Cubic Meter
Methylenebis (2-chloroaniline) (MOCA)	0.003
Methylene Chloride	26.
Methyl Isoamyl Ketone	5.6
Methyl Mercaptan	0.2
Merthyl Methacrylate	34.
Methyl Propyl Ketone	530.
Methyl Sulfide	0.3
Mineral Spirits	350.
Naphtha	350.
Nickel, Inorganic Compounds	0.015
Nitroglycerine	0.1
Nitropropane	5.
Octane	350.
Parathion	0.05
Pentane	350.
Perchloroethylene	33.5
Petroleum Ether	350.
Phenyl Mercaptan	0.4
Propionitrile	14.
Propyl Acetate	62.6
Propylene Oxide	20.
Propyl Mercaptan	0.23
Silica-amorphous-precipitated, silica gel	4.
Silicon Carbide	4.

Table 262
Limit Values (L) for use with Exemptions from Permitting § 106.262

The values are not to be interpreted as acceptable health affects values relative to the issuance of any permits under Chapter 116 of this title (relating to Control of Air Pollution by Permits for new Construction or Modification).

Compound	Limit (L) Milligrams Per Cubic Meter
Stoddard Solvent	350.
Styrene	21.
Succiononitrile	20.0
Tolidin	0.02
Trichloroethylene	135.
Trinethylamine	0.1
Valeric Acid	0.34
Vinyl Acetate	15.0
Vinyl Chloride	2.0

Note: The time weighted average (TWA) threshold Limit Value (TLV) published by the American Conference of Governmental Industrial Hygienists (ACGIH), in its TLVs and BEIs guide (1997 Edition) shall be used for compounds not included in the table. The Short-Term Exposure Level (STEL) or Ceiling Limit (annotated with a "C") published by the ACGIH shall be used for compounds that do not have a published TWA TLV. This section cannot be used if the compound is not listed in the table or does not have a published TWA TLV, STEL, or Ceiling Limit in the ACGIH TLVs and BEIs guide.

<Insert Permits by Rule General Facilities Workbook>

SECTION 5.0

EMISSION CALCULATIONS AND PBR EMISSIONS LIMIT COMPARISON

5.0 EMISSION CALCULATIONS AND PBR EMISSIONS LIMIT COMPARISON

This section presents a discussion of the basis for the emission calculations associated with the facilities in this registration. The supporting emission calculations are included at the end of this section.

5.1 EMISSION CALCULATIONS

The transfer of gypsum rock and/or gypsum rock and mud mixture to the vibrating screen and associated facilities (i.e., belt conveyors, stockpiles) will result in emissions of PM, PM with an aerodynamic diameter less than ten microns (PM_{10}), and PM with an aerodynamic diameter less than two and a half microns ($PM_{2.5}$). Emissions were estimated based on emission factors in TCEQ's Rock Crushing Facility Emission Rate Calculation Worksheet (February 19, 2019 version) and emission factor methodology in AP-42, Section 13.2.4 for Aggregate Handling and Storage Piles (Fifth Edition, November 2006).

5.2 PBR APPLICABILITY DEMONSTRATION

As shown in the emission rate calculations at the end of this section, the emissions associated with this project are well below the applicable thresholds in 30 TAC §106.261 and §106.262.

<insert emission calculations>

SECTION 6.0

PROCESS DESCRIPTION AND PROCESS FLOW DIAGRAM

6.0 PROCESS DESCRIPTION AND PROCESS FLOW DIAGRAM

With this submittal, Georgia-Pacific is registering the installation and operation of a standalone screening unit, up to three belt conveyors, and associated facilities to document authorization under 30 TAC §106.261 and §106.262. Gypsum (pure or mixture of gypsum and associated impurities such as mud) will pass through the Hopper Feeder to the Hopper Feeder Conveyor. The gypsum will then transfer to the Main Conveyor, which will feed the 2-Deck Vibrating Screen¹. The material will be screened by size and then discharge onto one of three belt conveyors integral to the screener. The discharge conveyors will drop the material to the ground or to one of the three mobile conveyors. The material will be stored until it is introduced to the process or otherwise transferred to a different location at the quarry (i.e., overburden pile or pit). A simplified process flow diagram is included below. The mobile conveyors are not shown but will typically be used to transfer material from the outlet of each of the conveyors of the screen.

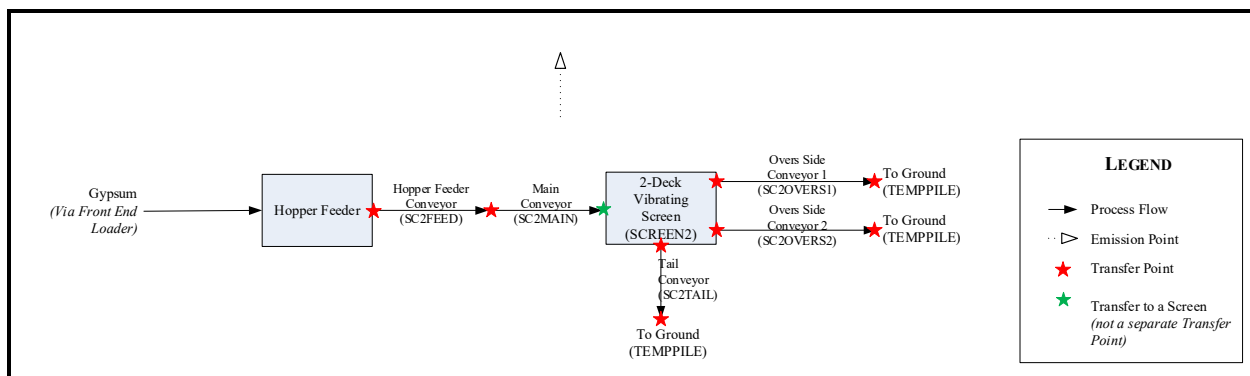


FIGURE 6-1. STANDALONE SCREENING UNIT PROCESS FLOW DIAGRAM

¹ One or two deck screens may be used.