

Texas Commission on Environmental Quality

Title V Existing

3129

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	GALENA PARK PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.723888
Longitude (W) (-###.#####)	95.241666
Primary SIC Code	3275
Secondary SIC Code	
Primary NAICS Code	327420
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212281
What is the name of the Regulated Entity (RE)?	UNITED STATES GYPSUM
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.7239
Longitude (W) (-###.#####)	-95.2417
Facility NAICS Code	
What is the primary business of this entity?	GYPSUM WALLBOARD & WALLBOARD MANUFACTURING/ INDUST

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600124218
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	United States Gypsum Company
Texas SOS Filing Number	2566506
Federal Tax ID	361898410
State Franchise Tax ID	13618984101

State Sales Tax ID	
Local Tax ID	
DUNS Number	8019473
Number of Employees	101-250
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MS
First	CYNTHIA
Middle	
Last	SANCHEZ
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085410
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085406
E-mail	clsanchez@usg.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	JESSE TORRES(UNITED STATES G...)
Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MR
First	JESSE
Middle	
Last	TORRES
Suffix	
Credentials	
Title	ENVIRONMENTAL COORDINATOR
Enter new address or copy one from list:	

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085480
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085407
E-mail	jtorres@usg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 43 Min 26 Sec
3) Permit Longitude Coordinate:	95 Deg 14 Min 30 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	3129-37255
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	USG GP Form OP-CRO1 04-05-2025 to 06-24-2025 v1.0.pdf
Hash	94E463AD572A5729218E3B83036ED61CAA90067FE9B1CECA71ACFD4F4ABF736E
MIME-Type	application/pdf

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

Certification

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

1. I am Cynthia L Sanchez, the owner of the STEERS account ER093868.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3129.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Cynthia L Sanchez OWNER OPERATOR

Account Number:	ER093868
Signature IP Address:	155.190.8.4
Signature Date:	2025-07-23
Signature Hash:	9C6D4BE16E6BB793E63C3EB744838995C3F9E9834959E729CCD017FF67B6B2FD
Form Hash Code at time of Signature:	014A48A9CDD91305C9F7434F4A7C5B0F47C845040D9BDC99A0495F096E291229

Submission

Reference Number:	The application reference number is 803186
Submitted by:	The application was submitted by ER093868/Cynthia L Sanchez
Submitted Timestamp:	The application was submitted on 2025-07-23 at 15:10:33 CDT
Submitted From:	The application was submitted from IP address 155.190.8.4

Confirmation Number:

The confirmation number is 666526

Steers Version:

The STEERS version is 6.92

Permit Number:

The permit number is 3129

Additional Information

Application Creator: This account was created by Robert J Ontko

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

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

I. Identifying Information
RN: 100212281
CN: 600124218
Account No.: HG-0762-F
Permit No.: O3129
Project No.: 37255
Area Name: Galena Park Plant
Company Name: United States Gypsum Company
II. Certification Type <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input checked="" type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____

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

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

IV. Certification of Truth
This certification does not extend to information which is designated by TCEQ as information for reference only.
I, <u>Cynthia L. Sanchez</u> certify that I am the <u>RO</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div>
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>
Time Period: From <u>04/05/2025</u> to <u>06/24/2025</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div>
Specific Dates: _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div>
_____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div>
Signature: <u>e-Signed in STEERS</u> Signature Date: _____
Title: <u>Plant Manager</u> _____

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 1)
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air-Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I. Company Identifying Information
A. Company Name: United States Gypsum Company
B. Customer Reference Number (CN): CN600124218
C. Submittal Date (mm/dd/yyyy): 10/10/2024
II. Site Information
A. Site Name: Galena Park Plant
B. Regulated Entity Reference Number (RN): RN100212281
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Cynthia L Sanchez
RO Title: Plant Manager
Employer Name: United States Gypsum Company
Mailing Address: PO Box 525
City: Galena Park
State: TX
ZIP Code: 77547
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-308-5410
Fax No.: 713-308-5406
Email: CLSanchez@usg.com

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Jesse Torres
Technical Contact Title: Environmental Coordinator
Employer Name: United States Gypsum Company
Mailing Address: PO Box 525
City: Galena Park
State: TX
ZIP Code: 77547
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-308-5480
Fax No.: 713-308-5407
Email: JTorres@usg.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Carol Alvarado
B. State Representative: Ana Hernandez
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Galena Park Plant
B. Physical Address: 1201 Mayo Shell Rd
City: Galena Park
State: TX
ZIP Code: 77547
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 5)
Texas Commission on Environmental Quality**

X. Application Area Information (<i>continued</i>)
G. Latitude (nearest second): 29° 43' 26" N
H. Longitude (nearest second): 95° 14' 30" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 25
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: <u>Galena Park Branch Library</u>
B. Physical Address: <u>1500 Keene Street</u>
City: <u>Galena Park</u>
ZIP Code: <u>77547</u>
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Jesse Torres
Contact Mailing Address: PO Box 525
City: Galena Park
State: TX
ZIP Code: 77547
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-308-5480

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 7)
Texas Commission on Environmental Quality**

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIV. Alternate Designated Representative (ADR) Identifying Information

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

From: Robert Ontko <robert.ontko@beath.us>
Sent: Wednesday, June 18, 2025 3:56 PM
To: Jasmine Yuan
Cc: Torres, Jesse; Ramirez, Ruben; Sanchez, Cynthia L.; Carolyn Maus; John Walker
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)
Attachments: USG GP Title V SOP 03129 Renewal Response 2025-0618.pdf

Hi Jasmine,

On behalf of United States Gypsum Company, I have attached the response to the question in your email dated May 30, 2025, along with additional items as discussed during our meeting on June 10, 2025.

Let us know if you have any further questions or comments. Thanks for your continued review of this renewal application.

Regards,
Robert



**ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance
& Permitting Lead**

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

Let's connect on LinkedIn!

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Monday, June 9, 2025 3:57 PM
To: Robert Ontko <robert.ontko@beath.us>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>; Sanchez, Cynthia L. <CLSanchez@usg.com>; Carolyn Maus <carolyn.maus@tceq.texas.gov>; John Walker <John.Walker@tceq.texas.gov>
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

3 PM is good. I will have our monitoring experts Carolyn and John sitting with me during the meeting for any questions regarding PM.

Thanks,
Jasmine

From: Robert Ontko <robert.ontko@beath.us>
Sent: Monday, June 9, 2025 2:29 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>; Sanchez, Cynthia L. <CLSanchez@usg.com>; Carolyn Maus <carolyn.maus@tceq.texas.gov>; John Walker



June 18, 2025

Ms. Jasmine Yuan

Texas Commission on Environmental Quality (TCEQ)

Air Permits Division

Via email: Jasmine.Yuan@tceq.texas.gov

**Subject: Site Operating Permit No. 03129 Renewal Application (TCEQ Project No. 37255) –
Additional Information Needed
United States Gypsum Company
Galena Park Plant
TCEQ Account No. HG-0762-F
Customer Reference Number: CN600124218
Regulated Entity Reference Number: RN100212281**

Ms. Yuan:

United States Gypsum Company (USG) hereby submits this letter with attachments in response to the request for additional information received on May 30, 2025 regarding the renewal application for the above referenced site operating permit (SOP).

1. Please clarify if the manufacturer's literature specifies the parameters provided. Why did the applicant request this letter from the manufacturer; is it because the literature does not specify the parameters or they don't have literature? If they have literature with those specifications in the deviation limit, we would like them to provide it.

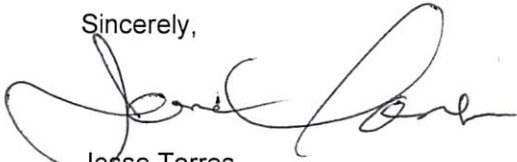
USG Response: As discussed in the meeting on June 10, 2025, manufacturer specifications for these dust collectors are either unavailable or outdated due to the age of the dust collectors. Available manufacturer specifications for the current filters are attached.

As a follow-up to our meeting on June 10, 2025, the following additional information is attached to support the proposed pressure drop monitoring:

- ***As examples that visible emissions are not expected when the dust collectors operate within the proposed pressure drop ranges, the last two quarterly visible emission observations along with the corresponding pressure drop readings for the applicable dust collectors during those observations. Pressure drop readings between the observations were omitted for clarity.***
- ***Estimated uncontrolled potential to emit (PTE) emission calculations for the applicable dust collectors.***

If you have any questions concerning this submittal, please contact me at 713-308-5480 or by email at JTorres@usg.com.

Sincerely,



Jesse Torres
Environmental Coordinator

Attachments

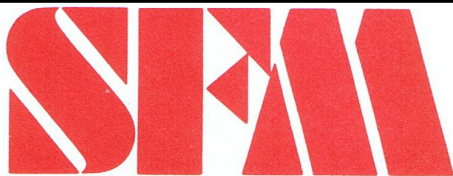
cc: Mr. Joseph Doby, Air Section Manager, TCEQ Region 12 via email at joe.doby@tceq.texas.gov
and TCEQR12AIR@tceq.texas.gov
Dr. Latrice Babin, Director, Harris County Pollution Control Services via email at air_permits@pcs.hctx.net
Ms. Cynthia Kaleri, Air Permits Section, USEPA Region 6 via email at R6AirPermitsTX@epa.gov
Ms. Cynthia L. Sanchez, Plant Manager, Galena Park Plant
Mr. Robert Ontko, P.E., Sr. Environmental Engineer, John Beath Environmental, LLC

Filter Specifications

Attachment 1

June 2025

Specifications for Unit ID Nos. E-4, E-7 & DUNNBAG1



SOUTHERN FILTER MEDIA LLC

P.O.BOX 2170
2735 KANASITA DRIVE,SUITE 135
HIXSON, TN 37343
Phone: 1-800-937-8988 Fax: 423-624-0274

TECHNICAL DATA SHEET

STYLE:	567	DATE: 1 / 10 / 2006
CONSTRUCTION:	SELF-SUPPORTED	
COMPOSITION:	100% POLYESTER	
FINISH:	HEATSET, SINGE ONE SIDE	
WEIGHT:	14.5 -16.5	ozs./yd. ²
THICKNESS:	.0550-.0850	in.
AIR PERMEABILITY:	25-45	CFM @½ in. W.G.
MINIMUM BREAKING STRENGTH:	WARP: 75	FILLING: 150 lbs.
MINIMUM MULLEN BURSTING STRENGTH:	350	lbs./in. ²
DIMENSIONAL STABILITY:	3	% maximum lineal shrinkage after 2 hours unrestrained exposure to dry heat @ 300 °F
FIBER MANUFACTURER'S RECOMMENDED MAXIMUM CONTINUOUS OPERATING TEMPERATURE (°F):	275 °F	

Serving The Filtration Industry Since 1973

VERIFICATION TESTING OF BAGHOUSE FILTRATION PRODUCTS
SOUTHERN FELT SUMMARY OF RESULTS AT 6.6/1 A/C

RUN ID.	ETS Test #
FABRIC DESIGNATION	Southern Felt Style #
MANUFACTURER	Southern Felt
DUST FEED	Pural NF (Aluminum Oxide) minimum 40% of the dust concentration less than 2.5 micron
<u>VERIFICATION OF TEST RESULTS</u>	ASTM D6830-02
Mean Outlet Particle Conc. PM 2.5 (gr/dscf)	Outlet emissions in grains/dry standard cubic feet for 2.5 micron dust
Mean Outlet Particle Conc. Total mass (gr/dscf)	Outlet emissions in grains/dry standard cubic feet for all size dust particles
Initial Residual Pressure Drop (in. w.g.)	Differential pressure at the start of the test period after the first pulse
Change in Residual Pressure Drop (in. w.g.)	The difference in differential pressure at the start and end of the test period
Average Residual Pressure Drop (in. w.g.)	Average differential pressure for the 6 hour test period. Average is based on 60 minute blocks
Mass Gain of Filter Sample (g)	Difference in weight gain in grams from the start and the end of the test period
Average Filtration Cycle Time (s)	# seconds between pulses to maintain 4" differential pressure
Number of Pulses	Total # of pulses for the 6 hour test period set to clean at 4" differential pressure
<u>RESIDUAL PRESSURE DROP</u> At Start of:	Differential pressure recorded 3 seconds after the pulse cleaning cycle
Conditioning Period (in. w.g.)	10,000 rapid pulses at 3 second intervals to simulate long term operation
Recovery Period (in. w.g.)	30 normal pulse cycles set to clean at 4" differential pressure
Performance Test Period (in. w.g.)	6 hour test period with the pulse cycle set to clean at 4" differential pressure
<u>REMOVAL EFFICIENCY (%)</u>	
Dust Conc (gr/dscf)	Inlet dust loading in grains/dry standard cubic feet
PM 2.5	% of filtration efficiency on 2.5 micron dust
Total Mass	% of filtration efficiency for all size dust particles
	Dust particle size distribution for test was 77.35% less than 2.5 micron

TESTING OF BAGHOUSE FILTRATION PRODUCTS**SOUTHERN FELT SUMMARY OF RESULTS AT 6.6/1 A/C****ETS CONTRACT NUMBER: 04-159 DATE: 11/01/04**

* $\frac{(\text{Dust Concentration} \times 0.7735) - \text{PM 2.5 Outlet Concentration}}{\text{Dust Concentration} \times 0.7735} \times 100$

** $\frac{\text{Dust Concentration} - \text{Total Mass Outlet Concentration}}{\text{Dust Concentration}} \times 100$

RUN ID.
FABRIC DESIGNATION
MANUFACTURER
DUST FEED

934-1-1
PE-16-US
Southern Felt
Pural NF

VERIFICATION TEST RESULTS

ASTM D6830-02

Mean Outlet Particle Conc. PM 2.5 (gr/dscf)	0.0001146
Mean Outlet Particle Conc. Total mass (gr/dscf)	0.0001153
Initial Residual Pressure Drop (in. w.g.)	1.48
Change in Residual Pressure Drop (in. w.g.)	0.42
Average Residual Pressure Drop (in. w.g.)	1.74
Mass Gain of Filter Sample (g)	1.43
Average Filtration Cycle Time (s)	48
Number of Pulses	448

RESIDUAL PRESSURE DROP

At Start of:	
Conditioning Period (in. w.g.)	0.05
Recovery Period (in. w.g.)	1.39
Performance Test Period (in. w.g.)	1.48

REMOVAL EFFICIENCY (%)

Dust Conc (gr/dscf)	8.17
PM 2.5 *	99.9981865885
Total Mass **	99.9985893048

Specifications for Group ID No. GRPKTLDC

STYLE:	808			
CONSTRUCTION:	NEEDLEFELT			
COMPOSITION:	100% ARAMID			
FINISH:	PTFE MEMBRANE			
WEIGHT:	14.3 – 17		ozs./yd. ²	
THICKNESS:	.075		in.	
AIR PERMEABILITY:	8 – 11		CFM @½ in. W.G.	
MINIMUM BREAKING STRENGTH:	WARP:	120	FILLING:	170 lbs.
MINIMUM MULLEN BURSTING STRENGTH:	400		lbs./in. ²	
DIMENSIONAL STABILITY:	1	% maximum lineal shrinkage after 2 hours unrestrained exposure to dry heat @		450 °F
FIBER MANUFACTURER’S RECOMMENDED MAXIMUM CONTINUOUS OPERATING TEMPERATURE (°F):		400	°F	

LMS Technologies, Inc.
4570 West 77th Street, Suite 102, Edina, MN 55435
(612) 832-5353, Fax: (612) 832-5354

Date : March 30, 1998 Velocity: 10 FPM
 Filter ID : 6244 Requested by: Tetratex
 Test Type : Fractional Efficiency Manufacturer: Tetratex
 Test Aerosol : KCL, Neutralized Loading Dust: SAE Ultrafine

Filter Status	Initial	Loaded
Δp (" H ₂ O)	0.551	0.751
Size Range (μm)	Fractional Efficiency (%)	
0.3-0.5	99.756	99.813
0.5-0.7	99.989	99.895
0.7-1.0	99.996	100.000
1.0-2.0	100.000	100.000
2.0-3.0	100.000	100.000
3.0-5.0	100.000	100.000
>5.0	100.000	100.000

Ave. Size (μm)

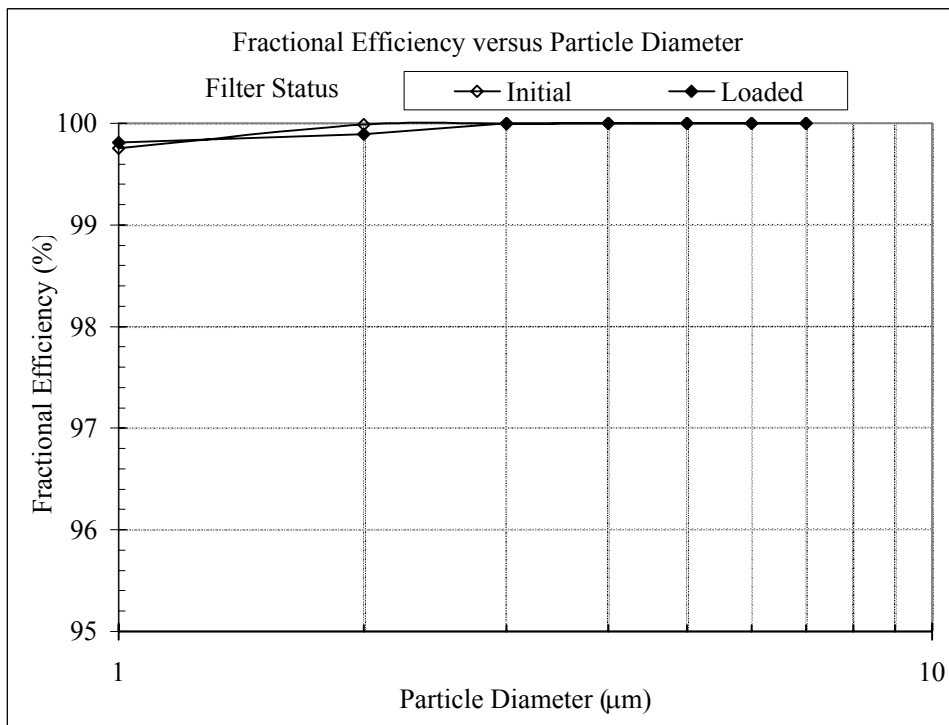
0.4
0.6
0.85
1.5
2.5
4.0
5.0

$$F_{eff} = \frac{C_{up} - C_{down}}{C_{up}} \times 100\%$$

F_{eff} = Fractional Efficiency

C_{up} = Particle Concentration Upstream of Filter

C_{down} = Particle Concentration Downstream of Filter



Specifications for Unit No. E-5 and E-18

- Smooth, hydrophobic, state-of-the-art PTFE membrane provides excellent particle release during pulse cleaning
- MERV* 16 filtration efficiency per ASHRAE 52.2-2007
- Torit-TEX CD and HCD cartridges are conductive.**
- Torit-TEX HCD is for use in higher temperatures up to 275°F/135°C
- Very good chemical tolerance**

APPLICATIONS

- Highly recommended for chemical, food, and industrial processing when product contamination must be minimized
- Excellent performance in moist, hygroscopic, and agglomerative applications where the use of a PTFE membrane is suggested
- Torit-TEX CD and HCD are recommended for conditions where electrostatic charges can be hazardous

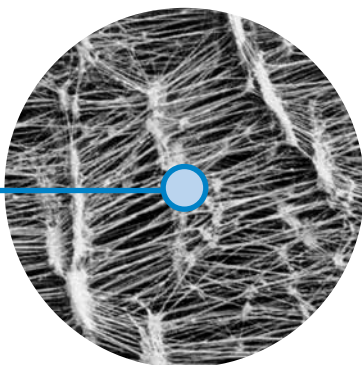


Torit-TEX Cartridge

SEM IMAGES[†]

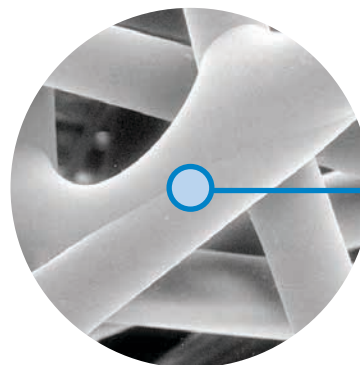
1 micron = 1/25,400 of an inch
(1/1000 of a millimeter)

10 micron



Torit-TEX Media (600x)

10 micron



Spunbond Media (600x)

[†] Scanning Electron Microscope

* Refer to Minimum Efficiency Reporting Value on page 2.

** Refer to Technical Information on page 2.

SPECIFICATIONS

MEDIA COMPOSITION	
Substrate	PTFE surface membrane with average fiber diameters of 0.2 µm Calendered spunbond polyester substrate with average fiber diameter of 14 µm
Composition of Conductive Media	PTFE surface membrane Carbon impregnated spunbond polyester
CARTRIDGE CONSTRUCTION	
Standard Construction	Galvanized expanded metal liner 60% open area Galvanized metal end caps Standard urethane gasket or special hi-temp gasket Optional stainless steel liner and end caps
Conductivity for Torit-TEX CD & HCD	Resistivity level 10 ⁴ OHM
Options	Stainless steel liner and end caps EPDM gasket

MEDIA COMPATIBILITY DATA		
Temperature Resistance	STD 200°F CD 93°C	HCD 275°F 135°C
Moisture Absorption**	Maximum 0.5% @ 70°F (21°C) and 65% RH	
Chemical Tolerance***	Acids→Good Bases→Good	Oxidants→Good Solvents→Good
Abrasion Resistance	Good per TAPPI 476 (Taber Method)	

MEDIA EFFICIENCY	
U.S. Efficiency Rating	MERV* 16 per ASHRAE 52.2-2007

CONFIGURATIONS

Models	Filtration Area		Pleat Height		Dimensions		Torit-TEX	Torit-TEX CD	Torit-TEX HCD
	ft ²	m ²	in	mm	in	mm			
BinVent (TBV)	67.0	6.2	1.5	38.1	12.74 x 26.0	323.6 x 660.4	•	•	
Downdraft Bench	74.0	6.9	1.5	38.1	12.8 x 26.0	326.0 x 660.4	•	•	•
Downflo® (DF)	67.0	6.2	1.5	38.1	11.7 x 26.0	298.0 x 660.4	•	•	
Downflo II (DFT)	74.0	6.9	1.5	38.1	12.8 x 26.0	326.0 x 660.4	•	•	•
Downflo Oval (DFO)	69.0	6.4	1.5	38.1	11.4 x 14.4 x 26.0	288.5 x 364.7 x 660.4	•	•	•
Downflo® Evolution (DFE)	74.0	6.9	1.5	38.1	13.7 x 13.7 x 26.0	349.1 x 349.1 x 660.4	•		
Downflo WorkStation (DWS)	69.0	6.4	1.5	38.1	11.4 x 14.4 x 26.0	288.5 x 364.7 x 660.4	•	•	•
Downflo (SDF)	38.0	3.5	1.5	38.1	9.2 x 22.3	234.0 x 566.2	•	•	
Downflo Containment System (DCS)	69.0	6.4	1.5	38.1	11.4 x 14.4 x 26.0	288.5 x 364.7 x 660.4	•	•	•
Environmental Control Booth (ECB)	67.0	6.2	1.5	38.1	12.74 x 26.0	323.6 x 660.4	•		
MTD	67.0	6.2	1.5	38.1	12.74 x 26.0	323.6 x 660.4	•	•	
TD Large	67.0	6.2	1.5	38.1	12.74 x 26.0	323.6 x 660.4	•	•	
TD Small	25.0	2.3	1.1	27.9	7.9 x 16.0	201.4 x 406.4	•	•	

* The Minimum Efficiency Reporting Value (MERV) of this filter cartridge has been determined through independent laboratory testing using ASHRAE 52.2 (2007) test standards. The MERV rating was determined at a face velocity of 118 feet per minute (36.0 meters per minute) and loading up to four inches (101.6 millimeters) water gauge. Actual efficiency of any filter cartridge will vary according to the specific application parameters. Dust concentration, airflow, particle characteristics, and pulse cleaning methods all affect filtration efficiency.

** Environmental conditions involving combinations of high temperature, corrosive material, and moisture can reduce media strength. Reduction in media strength may compromise cartridge integrity and performance.

*** A combination of chemicals may alter fiber resistance to the specified performance level. Chemical attack may compromise cartridge integrity and performance.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts. **Call Donaldson Torit at 800-365-1331.**

Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



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Minneapolis, MN
donaldsontorit.com • shop.donaldson.com

North America
Email: donaldsontorit@donaldson.com
Phone: (USA): +1-800-365-1331 • (MX): +1-800-343-36-39

Australasia
Email: marketing.australia@donaldson.com
Phone: +61-2-4350-2000
Toll Free: (AU) +1800-345-837 • (NZ) +0800-743-387
F118120 ENG (02/20) Torit-TEX Cartridge ©2011-2020 Donaldson Company, Inc.
Donaldson, Torit, Torit-TEX, Downflo and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.

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Phone: +65-6311-7373

Visible Emission Observations and Pressure Readings

Attachment 2

June 2025

EPN to Title V ID Crosswalk

United States Gypsum Company Galena Park Plant

EPN	Location	Description	Title V Unit/Group ID on OP-MON Forms
E-4	Kettle Mill	Cooling Conveyor Baghouse Stack	E-4
E2-1	Kettle Mill	Kettle No. 1 Dust Collector Stack	GRPKTLDC
E2-2	Kettle Mill	Kettle No. 2 Dust Collector Stack	GRPKTLDC
E2-3	Kettle Mill	Kettle No. 3 Dust Collector Stack	GRPKTLDC
E-5	Board Plant	Board Plant Conveyor Baghouse Stack	E-5
E-7	Board Plant	End Board Saw Baghouse Stack	E-7
DUNNBAG1	Board Plant	Dunnage Machine	DUNNBAG1
E-18	Board Plant	SCR Regrind Baghouse Stack	E-18

Method 22

Visible Emissions Report - Kettle Mill

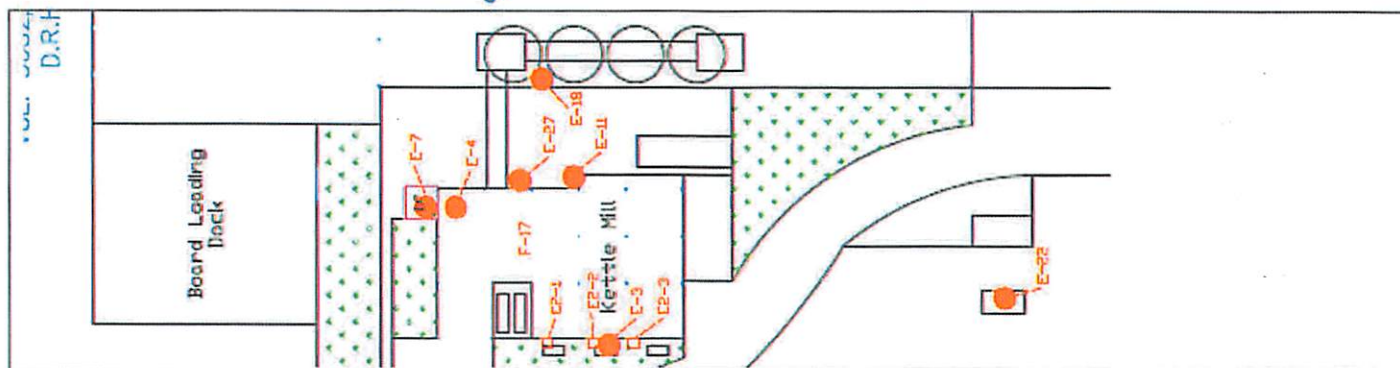
Date and Time of Inspection: 8:30 AM @ 2/27/25 Inspector: Robert Puer

Purpose: Certified personnel shall complete observation of visible emissions quarterly, per Federal Operating Permit # 03129.

Test Conditions & Requirements

1. Equipment must be running at the time of the VE Observation is made
2. Observation shall be made at least 1 hour after sunrise & 1 hour before sunset.
3. Observer must be at least 15 ft. away, but not more than .25 miles away.
4. Vent must be in clear view of observer.
5. When steam is present, observations must be made beyond the point in the plume at which condensed water vapor is no longer present.
6. If visible emissions are present, the source must be retested in accordance with Method 9 within 24 hours.

Weather conditions: Cloudy



	I.D.	EPN	Equipment in Operation		Visible Emissions Observed		Time
			Yes	No	Yes	No	
PST Dust Collector (Dryer)	P-2	E-27	✓			✓	9:10 AM
Flash Dryer (Dryer)	P-10	E-11A	✓			✓	9 AM
Conveying System (Cooling Belt)	E-5A	E-4	✓			✓	9:30
Kettle #1	P-3A	E2-1	✓			✓	8:30
Kettle #2	P3-B	E2-2	✓			✓	8:35
Kettle #3	P-3C	E2-3	✓			✓	8:40
Kettle Flue Stack		E3	✓			✓	8:45
Kettle Mill Building		F-17	✓			✓	8:50
Natural Gypsum Stockpile (Shed)	F-14	F-14	✓			✓	9:15
Synthetic Gypsum Stockpile (Shed)	F-15	F-14	✓			✓	9:20
Gypsum Unloading Operation (Shed)	F-14,15	E-34	✓			✓	9:25

Inspector Signature: [Signature]

Method 22

Visible Emissions Report - Board Plant

Date and Time of Inspection: 2-27-25 @ 11am

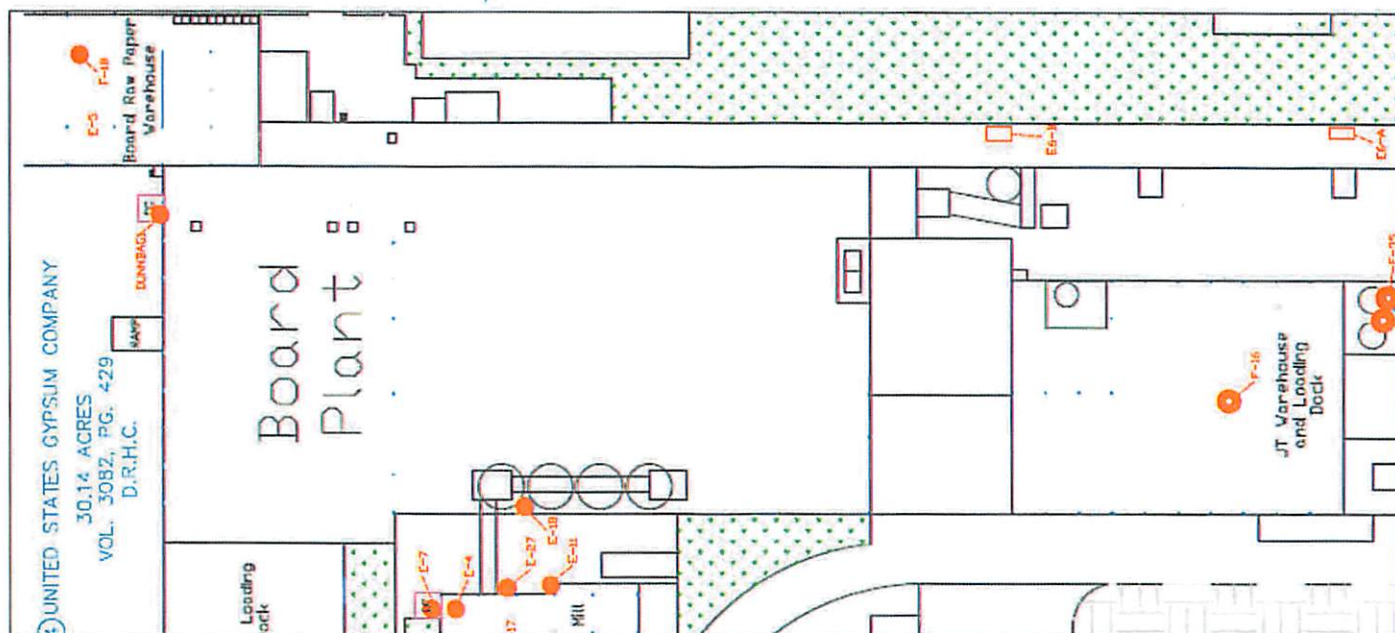
Inspector Robert Ranz

Purpose: Certified personnel shall complete observation of visible emissions quarterly, per Federal Operating Permit # 03129.

Test Conditions & Requirements

1. Equipment must be running at the time of the VE Observation is made
2. Observation shall be made at least 1 hour after sunrise & 1 hour before sunset.
3. Observer must be at least 15 ft. away, but not more than .25 miles away.
4. Vent must be in clear view of observer.
5. When steam is present, observations must be made beyond the point in the plume at which condensed water vapor is no longer present.
6. If visible emissions are present, the source must be retested in accordance with Method 9 within 24 hours.

Weather conditions: Cloudy



	I.D.	EPN	Equipment in Operation		Visible Emissions Observed		Time
			Yes	No	Yes	No	
Board Plant Drying Kiln (Dryer)	P-6	E-6A & 6B	✓			✓	11:00am
Board Plant Building		F-18	✓			✓	11:05am
BOARD PLANT CONVEYOR BAGHOUSE		E-5	✓			✓	11:10am
END SAW DUST COLLECTOR		E-7	✓			✓	11:15am
DUNNAGE MACHINE DUST COLLECTOR	Dunnbag 1		✓			✓	11:20am
ENTOLETER DUST COLLECTOR (SCR)			✓			✓	11:25am

Inspector Signature: Robert Ranz

Method 22

Visible Emissions Report - Kettle Mill

Date and Time of Inspection: 5/8/25 @ 8AM

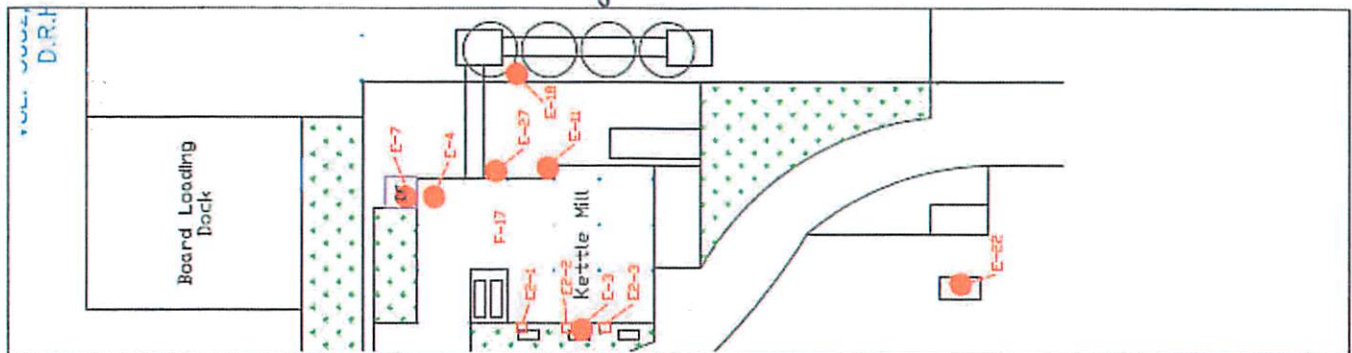
Inspector: Robert Perez

Purpose: Certified personnel shall complete observation of visible emissions quarterly, per Federal Operating Permit # 03129.

Test Conditions & Requirements

1. Equipment must be running at the time of the VE Observation is made
2. Observation shall be made at least 1 hour after sunrise & 1 hour before sunset.
3. Observer must be at least 15 ft. away, but not more than .25 miles away.
4. Vent must be in clear view of observer.
5. When steam is present, observations must be made beyond the point in the plume at which condensed water vapor is no longer present.
6. If visible emissions are present, the source must be retested in accordance with Method 9 within 24 hours.

Weather conditions: Partly Cloudy



	I.D.	EPN	Equipment in Operation		Visible Emissions Observed		Time
			Yes	No	Yes	No	
PST Dust Collector (Dryer)	P-2	E-27	✓			✓	10:15A
Flash Dryer (Dryer)	P-10	E-11A	✓			✓	9:50A
Conveying System (Cooling Belt)	E-5A	E-4	✓			✓	10:25A
Kettle #1	P-3A	E2-1	✓			✓	9A
Kettle #2	P3-B	E2-2	✓			✓	9:10A
Kettle #3	P-3C	E2-3	✓			✓	9:20A
Kettle Flue Stack		E3	✓			✓	9:30A
Kettle Mill Building		F-17	✓			✓	9:40A

Inspector Signature: [Signature]

Method 22

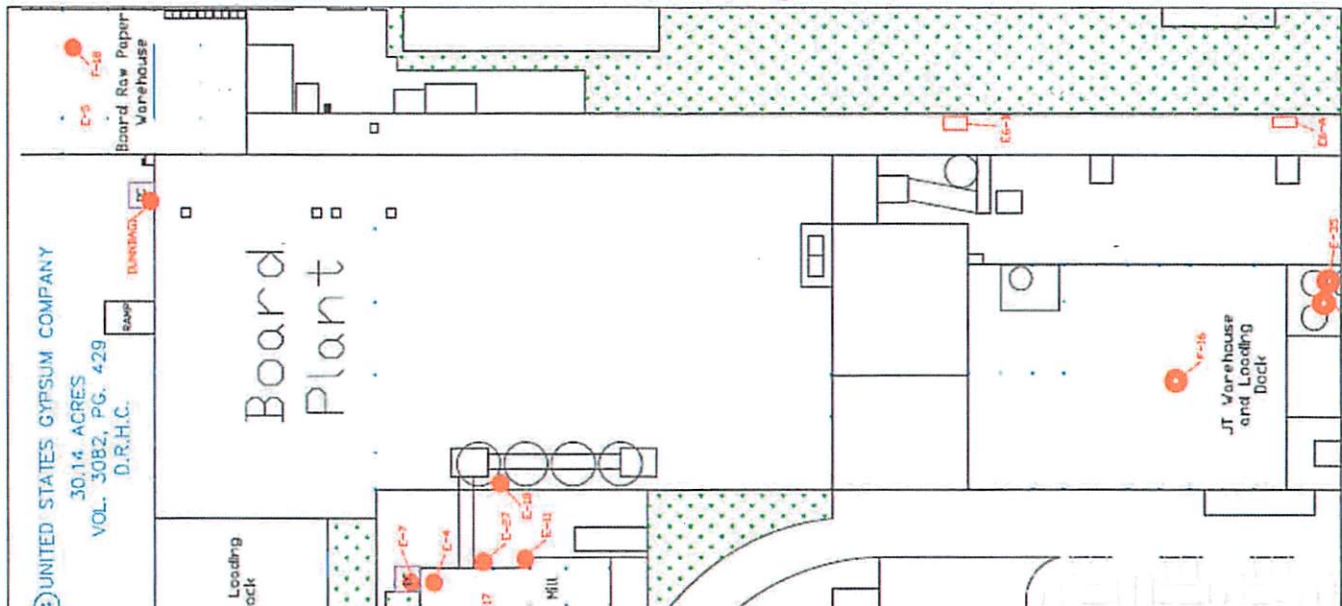
Visible Emissions Report - Board Plant

Date and Time of Inspection: 5/8/25 @ 10:30A Inspector Rout P

Purpose: Certified personnel shall complete observation of visible emissions quarterly, per Federal Operating Permit # 03129.

<u>Test Conditions & Requirements</u>	<ol style="list-style-type: none"> 1. Equipment must be running at the time of the VE Observation is made 2. Observation shall be made at least 1 hour after sunrise & 1 hour before sunset. 3. Observer must be at least 15 ft. away, but not more than .25 miles away. 4. Vent must be in clear view of observer. 5. When steam is present, observations must be made beyond the point in the plume at which condensed water vapor is no longer present. 6. If visible emissions are present, the source must be retested in accordance with Method 9 within 24 hours.
---	--

Weather conditions: Partly Cloudy



	I.D.	EPN	Equipment in Operation		Visible Emissions Observed		Time
			Yes	No	Yes	No	
Board Plant Drying Kiln (Dryer)	P-6	E-6A & 6B	✓			✓	10:30 A
Board Plant Building		F-18	✓			✓	10:35 A
BOARD PLANT CONVEYOR BAGHOUSE		E-5	✓			✓	10:40 A
END SAW DUST COLLECTOR		E-7	✓			✓	10:45 A
DUNNAGE MACHINE DUST COLLECTOR	Dunnage 1		✓			✓	10:50 A
ENTOLETER DUST COLLECTOR (SCR) SCR			✓			✓	10:55 A
Natural Gypsum Stockpile (Shed)	F-14	F-14	✓			✓	10:1
Synthetic Gypsum Stockpile (Shed)	F-15	F-14	✓			✓	10:05 A
Gypsum Unloading Operation (Shed)	F-14,15	E-34	✓			✓	10:10 A

Inspector Signature: [Signature]

Cooling Belt Differential Pressure Readings

Cooling Belt Dust Collector (E-4)

DNR = Did Not Run

[illegible]

#1 Kettle Differential Pressure Readings

Kettle Dust Collector (E2-1)

DNR = Did Not Run

[illegible]

#2 Kettle Differential Pressure Readings

Kettle Dust Collector (E2-2)

DNR = Did Not Run

[illegible]

#3 Kettle Differential Pressure Readings

Kettle Dust Collector (E2-3)

DNR = Did Not Run

[illegible]

Board Plant Differential Pressure Readings

Board Plant D.C. (E-5)

DNR = Did Not Run

[illegible]

End Saw Differential Pressure Readings

End Saw (E-7)

DNR = Did Not Run

[illegible]

Dunnage Machine Differential Pressure Readings

Dunnage Machine (DUNNBAG1)

DNR = Did Not Run

[illegible]

SCR Regrind Differential Pressure Readings

SCR Regrind (E-18)

DNR = Did Not Run

[illegible]

Uncontrolled PTE Estimates

Attachment 3

June 2025

Uncontrolled PTE Estimates

United States Gypsum Company Galena Park Plant

EPN	Description	Controlled PM Emissions ^[1]		Dust Collector Control Efficiency ^[2] (%)	Estimated Uncontrolled PTE ^[3]	
		lb/hr	tpy		lb/hr	tpy
E2-1	Kettle No. 1 Dust Collector Stack	0.25	1.08	99.7%	83.33	360.00
E2-2	Kettle No. 2 Dust Collector Stack	0.25	1.08	99.7%	83.33	360.00
E2-3	Kettle No. 3 Dust Collector Stack	0.25	1.08	99.7%	83.33	360.00
E-4	Cooling Conveyor Baghouse Stack	0.69	3.00	99.9%	690.00	3,000.00
E-5	Board Plant Conveyor Baghouse Stack	1.11	4.88	95%	22.20	97.60
E-7	End Board Saw Baghouse Stack	0.34	1.50	99.9%	340.00	1,500.00
E-18	SCR Regrind Baghouse Stack	0.25	1.10	95%	5.00	22.00
DUNNBAG1	Dunnage Machine	0.65	1.65	99.9%	650.00	1,650.00

NOTES:

[1] Controlled particulate matter (PM) emissions were based on NSR Permit No. 24900 MAERT.

[2] Dust collector control efficiency was based on vendor specifications to one decimal percent. The minimum control efficiency of 95% was used for MERV 16 rating.

[3] Estimated uncontrolled PTE was based on controlled PM emissions and dust collector control efficiency.

See sample calculations below.

Uncontrolled PTE = Controlled PM Emissions / (100% - Dust Collector Control Efficiency)

1.08 tpy PM controlled	1	=	
	(100% - 99.7%)		360.00 tpy PM uncontrolled

From: Robert Ontko <robert.ontko@beath.us>
Sent: Thursday, May 22, 2025 2:46 PM
To: Jasmine Yuan
Cc: Torres, Jesse; Ramirez, Ruben; Sanchez, Cynthia L.
Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)
Attachments: USG GP Form OP-PBR SUP NOD3.pdf; Supporting Data for Proposed Monitoring.pdf

Hi Jasmine,

On behalf of United States Gypsum Company (USG), responses to your items are below.

1. For OP-PBR SUP, please submit entire OP-PBR SUP four tables as a set, with same date. If a table is not applicable, just put N/A in the cell.

USG Response: The entire Form OP-PBR SUP (four tables) with the same date is attached as requested.

2. Second, you should provide data to show the pressure related with the visible emission 20% opacity requirement. The general description is not acceptable. Please provide stack test, calcs, or supporting data.

USG Response: The following data is attached to support the proposed pressure drop monitoring for the applicable opacity requirement:

- ***A memo from the dust collector vendor that shows the proposed pressure drop ranges follow industry best practices and should not result in visible emissions.***
- ***As an example that visible emissions are not expected when the dust collectors operate within the proposed pressure drop ranges, the last two quarterly visible emission observations for the Kettle Mill along with the corresponding pressure drop readings for the #1 Kettle Dust Collector (E2-1) during those observations. Pressure drop readings between the observations were omitted for clarity.***

Let us know if you have any questions or comments. Thanks for your continued review of this permit renewal application.

Regards,
Robert



10 YEARS
2015 - 2025

**ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance
& Permitting Lead**

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

Let's connect on LinkedIn!

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Monday, May 19, 2025 6:54 PM
To: Robert Ontko <robert.ontko@beath.us>

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
05/22/2025	O3129	RN100212281

Unit ID No.	Registration No.	PBR No.	Registration Date
P-36, F-16	111791	SE 106	01/12/1996
S-1	169062	106.262	06/21/2022
E-8	111792	106.264	08/18/2000

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
05/22/2025	O3129	RN100212281

Unit ID No.	PBR No.	Version No./Date
N/A	N/A	N/A

Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
05/22/2025	O3129	RN100212281

PBR No.	Version No./Date
N/A	N/A

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
05/22/2025	O3129	RN100212281

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
P-36, F-16	SE 106	111791	Maintain records of material throughput and hours of operation.
S-1	106.262	169062	Maintain records of clay throughput and hours of operation.
E-8	106.264	111792	Maintain records of natural gas consumption and hours of operation.



Dust Collector Manufacturer | Replacement Parts | Services

May 21st, 2025

Jesse Torres

Environmental & Sustainability Coordinator / Safety Committee Co-Leader

United States Gypsum Company

t: 713-308-5480

c: 346-603-7451

RE: Baghouse differential pressure operating ranges for emissions control

After reviewing the dust collection systems at USG – Galena Park, we can confirm that the differential pressure ranges proposed by their EH&S team for Title V monitoring of certain dust collectors (0.5” w.c. to 6” w.c. or 1” w.c. to 6” w.c.) are within the recommended ranges per industry best practice.

Generally, baghouse style dust collector reach their peak particulate collection efficiency between 3” w.c. to 5” w.c. when properly maintained and operated per the OEM’s guidelines. For this reason, most regulatory authorities set the maximum acceptable differential pressure at either 6” w.c. or 8” w.c. Visible emissions are not expected when the differential pressure is within the acceptable range.

USG – Galena Park has set a more conservative range for their acceptable differential pressure on their systems. As long as they operate their systems in this range and ensure the accuracy of their readings they will be exceeding industry best practice guidelines for this type of equipment in their application.

Thank you again kind best regards

Dominick DalSanto

Sales Director & Baghouse Expert

Baghouse.com

3172 N Rainbow Blvd

Unit #5105

Las Vegas, NV 89108

Direct: (702) 356-6950

Office: (702) 848-3990

Method 22

Visible Emissions Report - Kettle Mill

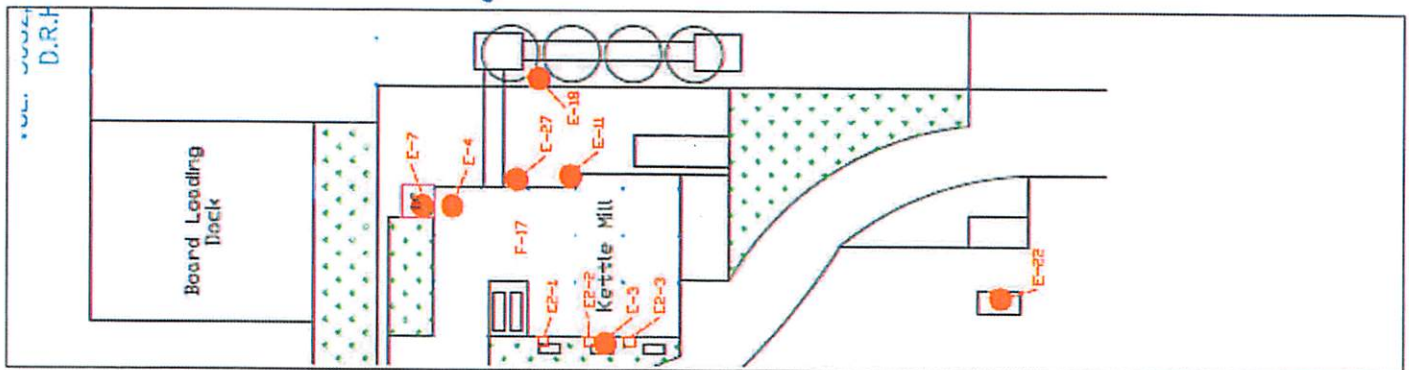
Date and Time of Inspection: 8:30 AM @ 2/27/25 Inspector Robert Puer

Purpose: Certified personnel shall complete observation of visible emissions quarterly, per Federal Operating Permit # 03129.

Test Conditions & Requirements

1. Equipment must be running at the time of the VE Observation is made
2. Observation shall be made at least 1 hour after sunrise & 1 hour before sunset.
3. Observer must be at least 15 ft. away, but not more than .25 miles away.
4. Vent must be in clear view of observer.
5. When steam is present, observations must be made beyond the point in the plume at which condensed water vapor is no longer present.
6. If visible emissions are present, the source must be retested in accordance with Method 9 within 24 hours.

Weather conditions: Cloudy



	I.D.	EPN	Equipment in Operation		Visible Emissions Observed		Time
			Yes	No	Yes	No	
PST Dust Collector (Dryer)	P-2	E-27	✓			✓	9:10 AM
Flash Dryer (Dryer)	P-10	E-11A	✓			✓	9 AM
Conveying System (Cooling Belt)	E-5A	E-4	✓			✓	9:30
Kettle #1	P-3A	E2-q	✓			✓	8:20
Kettle #2	P3-B	E2-2	✓			✓	8:35
Kettle #3	P-3C	E2-3	✓			✓	8:40
Kettle Flue Stack		E3	✓			✓	8:45
Kettle Mill Building		F-17	✓			✓	8:50
Natural Gypsum Stockpile (Shed)	F-14	F-14	✓			✓	9:15
Synthetic Gypsum Stockpile (Shed)	F-15	F-14	✓			✓	9:20
Gypsum Unloading Operation (Shed)	F-14,15	E-34	✓			✓	9:25

Inspector Signature: [Signature]

Method 22

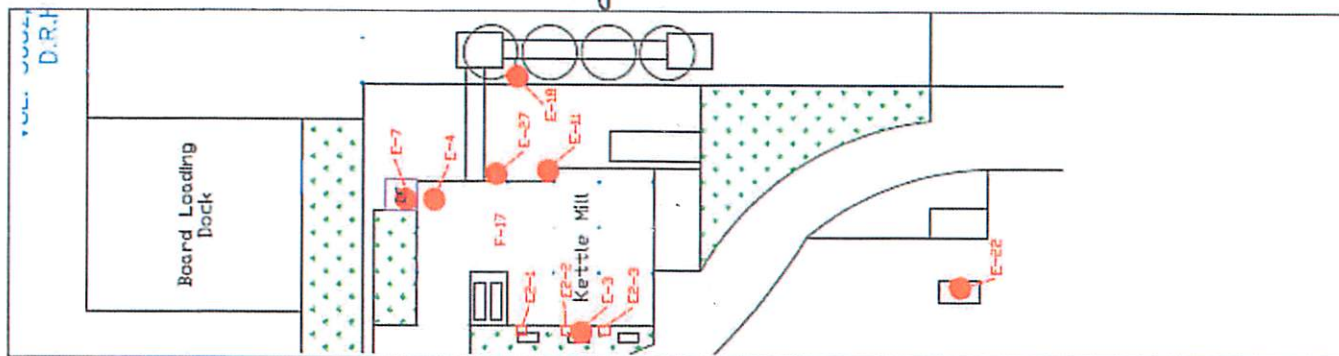
Visible Emissions Report - Kettle Mill

Date and Time of Inspection: 5/2/25 @ 9 AM Inspector Robert Price

Purpose: Certified personnel shall complete observation of visible emissions quarterly, per Federal Operating Permit # 03129.

<u>Test Conditions & Requirements</u>	<ol style="list-style-type: none"> 1. Equipment must be running at the time of the VE Observation is made 2. Observation shall be made at least 1 hour after sunrise & 1 hour before sunset. 3. Observer must be at least 15 ft. away, but not more than .25 miles away. 4. Vent must be in clear view of observer. 5. When steam is present, observations must be made beyond the point in the plume at which condensed water vapor is no longer present. 6. If visible emissions are present, the source must be retested in accordance with Method 9 within 24 hours.
---	--

Weather conditions: Partly Cloudy



	I.D.	EPN	Equipment in Operation		Visible Emissions Observed		Time
			Yes	No	Yes	No	
PST Dust Collector (Dryer)	P-2	E-27	✓			✓	10:15A
Flash Dryer (Dryer)	P-10	E-11A	✓			✓	9:50A
Conveying System (Cooling Belt)	E-5A	E-4	✓			✓	10:25A
Kettle #1	P-3A	E2-q	✓			✓	9A
Kettle #2	P3-B	E2-2	✓			✓	9:10A
Kettle #3	P-3C	E2-3	✓			✓	9:20A
Kettle Flue Stack		E3	✓			✓	9:30A
Kettle Mill Building		F-17	✓			✓	9:40A

Inspector Signature: [Signature]

#1 Kettle Differential Pressure Readings

Kettle Dust Collector (E2-1)

DNR = Did Not Run

[illegible]

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Sent: Monday, May 19, 2025 6:54 PM

To: Robert Ontko <robert.ontko@beath.us> **Cc:** Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Robert,

For OP-PBRSUP, please submit entire OP-PBRSUP four tables as a set, with same date. If a table is not applicable, just put N/A in the cell.

Second, you should provide data to show the pressure related with the visible emission 20% opacity requirement. The general description is not acceptable. Please provide stack test, calcs, or supporting data.

Please respond by 05/23.

Thanks,
Jasmine

From: Robert Ontko <robert.ontko@beath.us>

Sent: Friday, May 16, 2025 10:57 AM

To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Jasmine,

On behalf of United States Gypsum Company (USG), responses to these comments are below. USG plans to certify this submittal via STEERS early next week.

1. PBR Registrations 47512, 111792, is in NSR IDA but does not appear in the permit/IMS or Form OP-PBRSUP. So, please double check. If the PBR is valid, you need to revise OP-PBRSUP to add them. Also if those units are in permit, you need to add them in OP-SUMR with those two PBRs listed in the PCA column. I will update the permit based on your response.

USG Response: PBR Registration No. 47512 is no longer needed and was voided on May 13, 2025. PBR Registration No. 111792 has been included in an updated Form OP-SUMR, Form OP-PBRSUP, and Form OP-REQ1 (Page 88), which are attached.

2. CAM for 30 TAC Chapter 111 Nonagricultural Processes and Visible Emissions regulations were added to permit for the Unit IDs: DUNNBAG1, E-4, E-5, E-7, E-18, and Group ID GRPKTLDC. The applicant chose to use CAM-FF-002 for all CAM monitoring. The pressure drop deviation limit satisfies the 20% opacity required by 30 TACT 111.111(a)(1)(B) since pressure drop is an indicator of proper dust collector operation. Properly operated dust collector has been demonstrated to meet opacity limitations since opacity is a surrogate for particulate matter that exits the dust collector.

Comment is : "The applicant should provide data (stack test, calculations, etc) to show how the deviation limit shows compliance with the emission limit from the rule".

USG Response: Based on historical data for dust collector operation and visible emission observations at the Galena Park Plant and other representative USG sites, the proposed pressure drop deviation limits correspond to proper dust collector operation and meeting the applicable opacity limits. Visible emissions from dust collectors have been correlated to higher pressure drops due to clogging and/or tube sheet overpressure dispersion and pressure drops of near zero due to a blown bag or filter.

Let us know if you have any questions or comments. Thanks for your continued review of this renewal application.

Regards,
Robert



**ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance
& Permitting Lead**

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

Let's connect on LinkedIn!

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, May 8, 2025 11:12 AM
To: Robert Ontko <robert.ontko@beath.us>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Robert,
The project was reviewed for QAQC.
Here are comments:

- 1) PBR Registrations 47512, 111792, is in NSR IDA but does not appear in the permit/IMS or Form OP-PBRSUP. So, please double check. If the PBR is valid, you need to revise OP-PBRSUP to add them. Also if those units are in permit, you need to add them in OP-SUMR with those two PBRs listed in the PCA column. I will update the permit based on your response.
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Comment is : "The applicant should provide data (stack test, calculations, etc) to show how the deviation limit shows compliance with the emission limit from the rule".

Please respond to the above items by 05/16 or sooner.
Thank you!
Jasmine

From: Robert Ontko <robert.ontko@beath.us>
Sent: Friday, April 4, 2025 5:22 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)

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Let us know if you have any questions or comments. Thanks for your continued review of this renewal application.

Regards,
Robert



ROBERT ONTKO, P.E. (TX, LA, AZ), Compliance
Assurance & Permitting Lead
John Beath Environmental, LLC (JBE)
www.beath.us

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, March 20, 2025 11:08 AM
To: Robert Ontko <robert.ontko@beath.us>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)

Hi Robert
I have updated the working draft permit.
Please proof read by 04/04/2025.
Please note that I removed the groups with only 1 unit for clarity. In the permit, those group is represented by the remaining unit ID.

This is required, unless you can provide a specific reason why the group is still needed. (For example, maybe they plan in the near future to add more tanks but aren't quite ready to do at the current time.)

However, we're not going to keep the group ID just in case some day years later they want to add more units to the group. You can always add the group ID back in for a situation like that.

Jasmine

From: Robert Ontko <robert.ontko@beath.us>
Sent: Thursday, February 6, 2025 3:25 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)

Hi Jasmine,

Texas Commission on Environmental Quality

Title V Existing

3129

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	GALENA PARK PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.723888
Longitude (W) (-###.#####)	95.241666
Primary SIC Code	3275
Secondary SIC Code	
Primary NAICS Code	327420
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212281
What is the name of the Regulated Entity (RE)?	UNITED STATES GYPSUM
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.7239
Longitude (W) (-###.#####)	-95.2417
Facility NAICS Code	
What is the primary business of this entity?	GYPSUM WALLBOARD & WALLBOARD MANUFACTURING/ INDUST

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600124218
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	United States Gypsum Company
Texas SOS Filing Number	2566506
Federal Tax ID	361898410
State Franchise Tax ID	13618984101

State Sales Tax ID	
Local Tax ID	
DUNS Number	8019473
Number of Employees	101-250
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MS
First	CYNTHIA
Middle	
Last	SANCHEZ
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085410
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085406
E-mail	clsanchez@usg.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	JESSE TORRES(UNITED STATES G...)
Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MR
First	JESSE
Middle	
Last	TORRES
Suffix	
Credentials	
Title	ENVIRONMENTAL COORDINATOR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085480
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085407
E-mail	jtorres@usg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 43 Min 26 Sec
3) Permit Longitude Coordinate:	95 Deg 14 Min 30 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	3129-37255
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

[File Properties]

File Name	OP_REQ1_USG GP Renewal Form OP-REQ1 pg 88 NOD2.pdf
Hash	4F50546485CEE1912176B2B9A685027CBE8D1633E97DE1E8FD075CE5A5ED439A
MIME-Type	application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBR SUP (Permits by Rule Supplemental Table)

[File Properties]

File Name	OP_PBR SUP_USG GP Form OP-PBR SUP NOD2.pdf
Hash	9A91AF1BF5AB91EA662A712A7030C500AEB2D781F9D596A72C1428163D4F49CE
MIME-Type	application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name

OP_SUMR_USG GP Form OP-SUMR NOD2.pdf

Hash

11F16C94141F12C08B1593F7B9270762D1A1F74FE88EE4F31FC525047EF02B2F

MIME-Type

application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

RE_Technical Review - O3129 United States Gypsum Company (Renewal_37255).pdf

Hash

836AC9759A853808B9C7DF8F58C04FD4FF82D2D258A1F5CBEA3C18C4A97F72DC

MIME-Type

application/pdf

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

Certification

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

1. I am Cynthia L Sanchez, the owner of the STEERS account ER093868.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3129.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Cynthia L Sanchez OWNER OPERATOR

Account Number:	ER093868
Signature IP Address:	155.190.8.6
Signature Date:	2025-05-19
Signature Hash:	BC6BDB399418646EC04EA5A38EC34D65DD6BE7D339E2D0EBA6C49D25E0C6A2C5
Form Hash Code at time of Signature:	324DF8F5CDD5A4C8EF5B2482B95A1AEB7CFABE49C1397DE0D7D9366186B126DD

Submission

Reference Number:	The application reference number is 787198
Submitted by:	The application was submitted by ER093868/Cynthia L Sanchez
Submitted Timestamp:	The application was submitted on 2025-05-19 at 12:18:14 CDT
Submitted From:	The application was submitted from IP address 155.190.8.6
Confirmation Number:	The confirmation number is 653900
Steers Version:	The STEERS version is 6.91
Permit Number:	The permit number is 3129

Additional Information

Application Creator: This account was created by Robert J Ontko

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

[Table 1](#)

Date	Permit No.	Regulated Entity No.
05/16/2025	O3129	RN100212281

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1, 4, 8	E-8	OP-UA6	PAPER MILL BOILER 1		24990, <u>106.264/03/14/1997</u> <u>[111792]</u>	

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

Date:	05/16/2025
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106	Version No./Date: 10/04/1995
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: <u>106.264</u>	Version No./Date: <u>03/14/1997</u>
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
05/16/2025	O3129	RN100212281

Unit ID No.	Registration No.	PBR No.	Registration Date
P-36, F-16	111791	SE 106	01/12/1996
S-1	169062	106.262	06/21/2022
<u>E-8</u>	<u>111792</u>	<u>106.264</u>	<u>08/18/2000</u>

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
05/16/2025	O3129	RN100212281

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
P-36, F-16	SE 106	111791	Maintain records of material throughput and hours of operation.
S-1	106.262	169062	Maintain records of clay throughput and hours of operation.
<u>E-8</u>	<u>106.264</u>	<u>111792</u>	<u>Maintain records of natural gas consumption and hours of operation.</u>

Robert Ontko

From: Robert Ontko
Sent: Friday, May 16, 2025 10:57 AM
To: Jasmine Yuan
Cc: Torres, Jesse; Ramirez, Ruben
Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)
Attachments: USG GP Renewal Form OP-REQ1 pg 88 NOD2.pdf; USG GP Form OP-PBRSUP NOD2.pdf; USG GP Form OP-SUMR NOD2.pdf

Hi Jasmine,

On behalf of United States Gypsum Company (USG), responses to these comments are below. USG plans to certify this submittal via STEERS early next week.

1. PBR Registrations 47512, 111792, is in NSR IDA but does not appear in the permit/IMS or Form OP-PBRSUP. So, please double check. If the PBR is valid, you need to revise OP-PBRSUP to add them. Also if those units are in permit, you need to add them in OP-SUMR with those two PBRs listed in the PCA column. I will update the permit based on your response.

USG Response: PBR Registration No. 47512 is no longer needed and was voided on May 13, 2025. PBR Registration No. 111792 has been included in an updated Form OP-SUMR, Form OP-PBRSUP, and Form OP-REQ1 (Page 88), which are attached.

2. CAM for 30 TAC Chapter 111 Nonagricultural Processes and Visible Emissions regulations were added to permit for the Unit IDs: DUNNBAG1, E-4, E-5, E-7, E-18, and Group ID GRPKTLDC. The applicant chose to use CAM-FF-002 for all CAM monitoring. The pressure drop deviation limit satisfies the 20% opacity required by 30 TACT 111.111(a)(1)(B) since pressure drop is an indicator of proper dust collector operation. Properly operated dust collector has been demonstrated to meet opacity limitations since opacity is a surrogate for particulate matter that exits the dust collector.

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Let us know if you have any questions or comments. Thanks for your continued review of this renewal application.

Regards,
Robert



**ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance
& Permitting Lead**

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

Let's connect on LinkedIn!

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To: Robert Ontko <robert.ontko@beath.us>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)

External (jasmine.yuan@tceq.texas.gov)

[Report This Email](#) [FAQ](#) [GoDaddy Advanced Email Security, Powered by INKY](#)

Hi Robert,

The project was reviewed for QAQC.

Here are comments:

- 1) PBR Registrations 47512, 111792, is in NSR IDA but does not appear in the permit/IMS or Form OP-PBR SUP. So, please double check. If the PBR is valid, you need to revise OP-PBR SUP to add them. Also if those units are in permit, you need to add them in OP-SUMR with those two PBRs listed in the PCA column. I will update the permit based on your response.
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Sent: Friday, April 4, 2025 5:22 PM

To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

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Assurance & Permitting Lead
John Beath Environmental, LLC (JBE)
www.beath.us

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Please note that I removed the groups with only 1 unit for clarity. In the permit, those group is represented by the remaining unit ID.

This is required, unless you can provide a specific reason why the group is still needed. (For example, maybe they plan in the near future to add more tanks but aren't quite ready to do at the current time.)

However, we're not going to keep the group ID just in case some day years later they want to add more units to the group. You can always add the group ID back in for a situation like that.

Jasmine

From: Robert Ontko <robert.ontko@beath.us>

Sent: Thursday, February 6, 2025 3:25 PM

To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Jasmine,

On behalf of United States Gypsum Company, we have no comments on the proposed changes.

Let us know if you have any additional questions or comments. Thanks for your continued review of this permit renewal application.

Regards,
Robert



ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance & Permitting Lead

C: 832.372.9928 | **L:** Houston Area, TX

O: 148 S. Dowlen #86, Beaumont, TX 77707

E: robert.ontko@beath.us | **W:** www.beath.us

Let's connect on LinkedIn!

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Sent: Thursday, February 6, 2025 1:24 PM

To: Robert Ontko <robert.ontko@beath.us>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Robert

Our monitoring specialist has reviewed your case-by-case monitoring. He made a few comments, see pic below.

Please review, let me know if you have comments. Otherwise, I will enter this in the permit.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPBOIL1 E-8	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7-BOIL1A
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Flow Rate	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: A fuel flow that exceeds a calculated heat input of 80 MMBtu/hr shall be considered and reported as a deviation.	
<p>Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.</p> <p>Measure and record the fuel flow rate when the boiler is in operation. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. The fuel flow rate shall be used in conjunction with the permitted NSR CO emission factor to demonstrate compliance with the NSR MAERT limitation, which corresponds to a CO concentration less than the 30 TAC Chapter 117 CO emission limitation of 400 ppmv.</p>	

- a. The units are in groups, but I looked in the database and there is only one unit per group. Per our guidance, a group should have more than one unit. If there is only one unit in the group, the units should be documented individually.
- b. The periodic monitoring text they provided is typically what we use for the basis for similar proposals. I have removed their periodic monitoring text and added standard language we have used for similar proposals. The applicant should review and approve these changes.

Please respond by 02/14/2025.

Thank you!

Jasmine


From: Robert Ontko <robert.ontko@beath.us>
Sent: Thursday, January 16, 2025 4:44 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Ms. Yuan,

On behalf of United States Gypsum Company, responses to your questions have been submitted via ePermits in STEERS.

We also noticed that some of the Central Registry tracking items for this project have the incorrect year. See screenshot below.

Let us know if you have any questions or comments. Thanks for your continued review of this application.

 **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

[Go To: New Source Review Air Permits](#)

01/14/2025 -----AirPermits IMS - PROJECT RECORD -----

Customer Name: **UNITED STATES GYPSUM COMPANY**
Legal Name: **United States Gypsum Company**
CN Number : **CN600124218**

Region: **HOUSTON** Account Number: **HG0762F** Central Registry Id: **RN100212281**
County Name: **HARRIS** City: **GALENA PARK**
Location : **1201 MAYO SHELL RD**

PROJECT INFORMATION

Area Name: **GALENA PARK PLANT**
Project Number: **37255** Permit Number: **3129**
Permit Type: **SOP** Renewal Date: **04/22/2025** Issued Date:
Project Status: **ACTIVE**

Project Type: **RENEWAL APPLICATION** Project Received Date: **10/10/2024**

STAFF ASSIGNMENT

REVIEW ENG: JASMINE YUAN
REVIEWR1_2: MIGUEL GALLEGOS

TRACKING ELEMENTS

TE Name	Start Date	Complete Date
PNAP DUE TO TEAM LEADER (DATE)	03/25/2025	
TECHNICAL REVIEW PERIOD	01/08/2025	
PROJECT RECEIVED BY ENGINEER (DATE)	10/25/2024	
APIRT TRANSFERRED PROJECT TO TECHNICAL STAFF (DATE)	10/17/2024	
LEGISLATORS NOTIFIED OF APPLICATION RECEIVED (DATE)	10/17/2024	
PROJECT DECLARED ADMIN COMPLETE (DATE)	10/17/2024	
INITIAL INFO/APPL/REQUEST RECEIVED BY TCEQ (DATE)	10/10/2024	
APIRT RECEIVED PROJECT (DATE)	10/10/2024	
INFORMAL REQUEST FOR INFORMATION	01/09/2024	
INITIAL CONTACT W/APPL	01/09/2024	
COMPLIANCE HISTORY REVIEW COMPLETED (DATE)	01/08/2024	

Regards,



ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance & Permitting Lead

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

Let's connect on LinkedIn!

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Sent: Thursday, January 9, 2025 11:35:47 AM

To: Torres, Jesse <jtorres@usg.com>

Subject: [EXTERNAL] RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)

Hello Mr. Torres,

Sorry I forgot to include these two items in last email.

- 1, OP-MON Form, For deviation limit of 30 chapter 111 visible emissions, please clarify why the pressure drop deviation limit satisfy 20% opacity limit, required by 111.111(a)(1)(B).
- 2, On UA15: Are those five units labeled 72+[1] all the vents before 1972? Do you have other older vents before 1972 not on UA15? If these 5 vents are all the vents before 1972, you can change to the answer of OP-REQ1, page 1, answer 3, IA.3. to No. So the term will change a little bit exclude vents < 1972; If you have other vents -72, then you don't need to change the OP-REQ1 answer. The term will cover vents <1972.

Please clarify these items along with last email by the same deadline.

Thanks!

Jasmine

From: Jasmine Yuan

Sent: Thursday, January 9, 2025 10:36 AM

To: jtorres@usg.com

Subject: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)

Hello Mr. Torres,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O3129 for United States Gypsum Company, Galena Park Plant. This application has been assigned Project No. 37255. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

Upon review, I found the following deficiencies in your application. Please respond by 01/24/2025 or sooner.

- 1, OP-SUMR, Page 2, 106.262 version date should be 11/01/2003, not 11/03/2003. Please submit updated form.
- 2, OP-UA15, Page 1, E-4 attribute Opacity monitoring system should be NONE, not NOTE.
- 3, Boilers E-8, E-9 are subject to PM for pollutant CO for rule 30 TAC Chapter 117. Please send OP-MON. GRPBOIL1, GRPBOIL2 only contains 1 unit for each. Do you want to remove group or keep it?
- 4, group GRPTANK1 has only 1 unit E-22 after E-23 being removed. Do you want to remove the group, just list E-22 by itself?

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Jasmine Yuan
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-6090
Fax: (512)239-1400
Jasmine.Yuan@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

Texas Commission on Environmental Quality

Title V Existing

3129

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	GALENA PARK PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.723888
Longitude (W) (-###.#####)	95.241666
Primary SIC Code	3275
Secondary SIC Code	
Primary NAICS Code	327420
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212281
What is the name of the Regulated Entity (RE)?	UNITED STATES GYPSUM
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.7239
Longitude (W) (-###.#####)	-95.2417
Facility NAICS Code	
What is the primary business of this entity?	GYPSUM WALLBOARD & WALLBOARD MANUFACTURING/ INDUST

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600124218
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	United States Gypsum Company
Texas SOS Filing Number	2566506
Federal Tax ID	361898410
State Franchise Tax ID	13618984101

State Sales Tax ID	
Local Tax ID	
DUNS Number	8019473
Number of Employees	101-250
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MS
First	CYNTHIA
Middle	
Last	SANCHEZ
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085410
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085406
E-mail	clsanchez@usg.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	JESSE TORRES(UNITED STATES G...)
Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MR
First	JESSE
Middle	
Last	TORRES
Suffix	
Credentials	
Title	ENVIRONMENTAL COORDINATOR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085480
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085407
E-mail	jtorres@usg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 43 Min 26 Sec
3) Permit Longitude Coordinate:	95 Deg 14 Min 30 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	3129-37255
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)	
Attach OP-2 (Application for Permit Revision/Renewal)	
Attach OP-ACPS (Application Compliance Plan and Schedule)	
Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)	
Attach OP-REQ2 (Negative Applicable Requirement Determinations)	
[File Properties]	
File Name	OP_REQ2_USG GP SOP O3129 Renewal WDP2 Form OP-REQ2 2025-0404.pdf
Hash	93F081E54E96F70B09BCB060ECB35C2F2CE5D64447650A5453EEA8B182AE0E27
MIME-Type	application/pdf
Attach OP-REQ3 (Applicable Requirements Summary)	
Attach OP-PBR SUP (Permits by Rule Supplemental Table)	
Attach OP-SUMR (Individual Unit Summary for Revisions)	
Attach OP-MON (Monitoring Requirements)	

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2nd version SOP O3129_Comments_v1.0.docx
Hash	8B35943600A83BD9BF24D894FBB0755F81502997066D91DFAD13C51C05CB444D
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

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

Certification

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

1. I am Cynthia L Sanchez, the owner of the STEERS account ER093868.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3129.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Cynthia L Sanchez OWNER OPERATOR

Account Number:	ER093868
Signature IP Address:	155.190.8.5
Signature Date:	2025-04-04
Signature Hash:	BC6BDB399418646EC04EA5A38EC34D65DD6BE7D339E2D0EBA6C49D25E0C6A2C5
Form Hash Code at time of Signature:	43946AF4ED069855E9564E08661D15194651E7131BB472EF135F638A44F97784

Submission

Reference Number:

The application reference number is 776065

Submitted by:

The application was submitted by
ER093868/Cynthia L Sanchez

Submitted Timestamp:

The application was submitted on 2025-04-04
at 16:29:26 CDT

Submitted From:

The application was submitted from IP address
155.190.8.5

Confirmation Number:

The confirmation number is 644613

Steers Version:

The STEERS version is 6.89

Permit Number:

The permit number is 3129

Additional Information

Application Creator: This account was created by Robert J Ontko

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(including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

8. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated October 10, 2024 in the application for project 37255), 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:

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 MON-DAY, YYYY in the application for project XXXXX), 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

- ~~10.9.~~ The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

- ~~11.10.~~ The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

- ~~12.11.~~ The permit holder shall comply with the following requirements for Air Quality Standard Permits:

Commented [R01]: To TCEQ: Remove this Special Term and Condition since it is a duplicate of Special Term and Condition No. 8 above. No form is required to accomplish this revision.

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
DUNNBAG1	N/A	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
E-11A	N/A	30 TAC Chapter 117, Subchapter B	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
E-11A	N/A	40 CFR Part 60, Subpart UUU	These facilities have not commenced construction, reconstruction, or modification after 04/23/1986.
E-11A	N/A	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
E-11A	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit does not meet the definition of boiler in § 63.11237.
E-18	N/A	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
E-21	N/A	40 CFR Part 60, Subpart K	The storage vessels each have a storage capacity of less than 40,000 gallons.
E-21	N/A	40 CFR Part 60, Subpart Ka	The storage vessels each have a storage capacity of less than 40,000 gallons.
E-21	N/A	40 CFR Part 60, Subpart Kb	The storage vessels each have a storage capacity of less than 20,000 gallons.
E-22	N/A	30 TAC Chapter 115, Storage of VOCs	A storage tank with storage capacity less than or equal to 1,000 gallons is exempt from the requirements of this division.
E-22	N/A	40 CFR Part 60, Subpart K	The storage vessels each have a storage capacity of less than 40,000 gallons.

Commented [R02]: To TCEQ: Clarify the basis of determination for this Permit Shield since the storage capacity of E-22 is 1,000 gallons. A Form OP-REQ2 is attached to support this revision.

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
E-22	N/A	40 CFR Part 60, Subpart Ka	The storage vessels each have a storage capacity of less than 40,000 gallons.
E-22	N/A	40 CFR Part 60, Subpart Kb	The storage vessels each have a storage capacity of less than 20,000 gallons.
E-4	N/A	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
E-5	N/A	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
E-7	N/A	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
E-8	N/A	40 CFR Part 60, Subpart D	This boiler is less than 250 MMBtu/hour.
E-8	N/A	40 CFR Part 60, Subpart Da	This boiler is less than 250 MMBtu/hour.
E-8	N/A	40 CFR Part 60, Subpart Db	This boiler is less than 100 MMBtu/hour.
E-8	N/A	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
E-8	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in §63.11237.
E-9	N/A	40 CFR Part 60, Subpart D	This boiler is less than 250 MMBtu/hour.
E-9	N/A	40 CFR Part 60, Subpart Da	This boiler is less than 250 MMBtu/hour.
E-9	N/A	40 CFR Part 60, Subpart Db	This boiler is less than 100 MMBtu/hour.
E-9	N/A	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
E-9	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in

Commented [R03]: To TCEQ: The existing and proposed permit shields for the boilers (Unit IDs E-8 & E-9, previous Group IDs GRPBOIL1 & GRPBOIL2) were inadvertently removed and should be included. A Form OP-REQ2 is attached to support this revision.

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
			<u>§63.11237.</u>
GRPDYER1	E-27, E-3	30 TAC Chapter 117, Subchapter B	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
GRPDYER1	E-27, E-3	40 CFR Part 60, Subpart UUU	These facilities have not commenced construction, reconstruction, or modification after 04/23/1986.
GRPDYER1	E-27, E-3	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
GRPDYER1	E-27, E-3	40 CFR Part 63, Subpart JJJJJ	Units do not meet the definition of boiler in § 63.11237.
GRPDYER3	E-6A, E-6B	30 TAC Chapter 117, Subchapter B	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
GRPDYER3	E-6A, E-6B	40 CFR Part 60, Subpart UUU	These facilities have not commenced construction, reconstruction, or modification after 04/23/1986.
GRPDYER3	E-6A, E-6B	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
GRPDYER3	E-6A, E-6B	40 CFR Part 63, Subpart JJJJJ	Units do not meet the definition of boiler in § 63.11237.
GRPGYPSUM1	E-15, E-16, E-34, E-35, F-14, F-16, F-17, F-18	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
GRPKTDC	E2-1, E2-2, E2-3	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
GRPVOCVT1	E-12, E-13, E-14	40 CFR Part 63, Subpart S	Site is an area source of HAP.

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
04/04/2025	O3129	RN100212281

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		E-22	OP-REQ2	Chapter 115, Storage of VOCs	§ 115.111(a)(8)	A storage tank with storage capacity less than <u>or equal to</u> 1,000 gallons is exempt from the requirements of this division.
		E-8	OP-UA6	NSPS D	§ 60.40(a)	This boiler is less than 250 MMBtu/hour.
		E-8	OP-UA6	NSPS Da	§ 60.40Da(a)	This boiler is less than 250 MMBtu/hour.
		E-8	OP-UA6	NSPS Db	§ 60.40b(a)	This boiler is less than 100 MMBtu/hour.
A	4	E-8	OP-UA6	MACT DDDDD	§ 63.7485	Site is an area source of HAP.
A	4	E-8	OP-UA6	MACT JJJJJ	§ 63.11195(e)	Unit is a gas-fired boiler as defined in § 63.11237.
		E-9	OP-UA6	NSPS D	§ 60.40(a)	This boiler is less than 250 MMBtu/hour.
		E-9	OP-UA6	NSPS Da	§ 60.40Da(a)	This boiler is less than 250 MMBtu/hour.
		E-9	OP-UA6	NSPS Db	§ 60.40b(a)	This boiler is less than 100 MMBtu/hour.
A	4	E-9	OP-UA6	MACT DDDDD	§ 63.7485	Site is an area source of HAP.

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
04/04/2025	O3129	RN100212281

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	4	E-9	OP-UA6	MACT JJJJJ	§ 63.11195(e)	Unit is a gas-fired boiler as defined in § 63.11237.

From: [Jasmine Yuan](#)
To: [Robert Ontko](#)
Cc: [Torres, Jesse](#); [Ramirez, Ruben](#)
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)
Date: Thursday, March 20, 2025 11:08:00 AM
Attachments: [image002.png](#)
[image003.png](#)
[2nd version SOP.docx](#)

Hi Robert

I have updated the working draft permit.

Please proof read by 04/04/2025.

Please note that I removed the groups with only 1 unit for clarity. In the permit, those group is represented by the remaining unit ID.

This is required, unless you can provide a specific reason why the group is still needed. (For example, maybe they plan in the near future to add more tanks but aren't quite ready to do at the current time.)

However, we're not going to keep the group ID just in case some day years later they want to add more units to the group. You can always add the group ID back in for a situation like that.

Jasmine


From: Robert Ontko <robert.ontko@beath.us>
Sent: Thursday, February 6, 2025 3:25 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Jasmine,

On behalf of United States Gypsum Company, we have no comments on the proposed changes.

Let us know if you have any additional questions or comments. Thanks for your continued review of this permit renewal application.

Regards,
Robert



ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance & Permitting Lead

C: 832.372.9928 | L: Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | W: www.beath.us

Let's connect on LinkedIn!


From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, February 6, 2025 1:24 PM
To: Robert Ontko <robert.ontko@beath.us>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Robert

Our monitoring specialist has reviewed your case-by-case monitoring. He made a few comments, see pic below.

Please review, let me know if you have comments. Otherwise, I will enter this in the permit.


Periodic Monitoring Summary	
Unit/Group/Process Information	
ID No.: GRPBOIL1 E-8	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7-BOIL1A
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Flow Rate	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: A fuel flow that exceeds a calculated heat input of 80 MMBtu/hr shall be considered and reported as a deviation.	
Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.	
Measure and record the fuel flow rate when the boiler is in operation. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. The fuel flow rate shall be used in conjunction with the permitted NSR CO emission factor to demonstrate compliance with the NSR MAERT limitation, which corresponds to a CO concentration less than the 30 TAC Chapter 117 CO emission limitation of 400 ppmv.	



JW

John Walker

...




There is only one unit in GRPBOIL1 (E-8) and one unit in GRPBOIL2 (E-9).

Per our guidance in regard to grouping, a group needs to have more than one unit. I believe these units should be documented by their Unit ID and removed from their groups.

February 04, 2025, 11:53 AM


Reply



JW

John Walker

...



Removed this language for both proposals. This language will be used as the basis for both proposals.

Reply

Texas Commission on Environmental Quality

Title V Existing

3129

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	GALENA PARK PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.723888
Longitude (W) (-###.#####)	95.241666
Primary SIC Code	3275
Secondary SIC Code	
Primary NAICS Code	327420
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212281
What is the name of the Regulated Entity (RE)?	UNITED STATES GYPSUM
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.7239
Longitude (W) (-###.#####)	-95.2417
Facility NAICS Code	
What is the primary business of this entity?	GYPSUM WALLBOARD & WALLBOARD MANUFACTURING/ INDUST

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600124218
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	United States Gypsum Company
Texas SOS Filing Number	2566506
Federal Tax ID	361898410
State Franchise Tax ID	13618984101

State Sales Tax ID	
Local Tax ID	
DUNS Number	8019473
Number of Employees	101-250
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MS
First	CYNTHIA
Middle	
Last	SANCHEZ
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085410
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085406
E-mail	clsanchez@usg.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	JESSE TORRES(UNITED STATES G...)
Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MR
First	JESSE
Middle	
Last	TORRES
Suffix	
Credentials	
Title	ENVIRONMENTAL COORDINATOR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085480
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085407
E-mail	jtorres@usg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 43 Min 26 Sec
3) Permit Longitude Coordinate:	95 Deg 14 Min 30 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	3129-37255
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

[File Properties]

File Name	OP_REQ1_USG GP Renewal Form OP-REQ1 2025-0220.pdf
Hash	E82D28366A0978F91197882D7179E22BEEDCF0476E3F259A592FE95FFE72E9BE
MIME-Type	application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2025-0206 Periodic Monitoring Email.pdf
Hash	457571E113D08D994FC02BDBF668BF1783DE772D727E99E4A82B5C04DE638116
MIME-Type	application/pdf
[File Properties]	
File Name	SOP - O3129 United States Gypsum Company (Renewal 37255) Draft_USG.docx
Hash	54FF96A88D313514262B4739E340B964F4213431822E87FBA596CB0F12D1D48E
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

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

Certification

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

1. I am Cynthia L Sanchez, the owner of the STEERS account ER093868.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3129.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Cynthia L Sanchez OWNER OPERATOR

Account Number:	ER093868
Signature IP Address:	155.190.8.4
Signature Date:	2025-02-20
Signature Hash:	BC6BDB399418646EC04EA5A38EC34D65DD6BE7D339E2D0EBA6C49D25E0C6A2C5

Form Hash Code at
time of Signature:

42476DAE2BA6788607DC3D7D01FD20F8EC85ADE3923EC61AA582E6521C08218E

Submission

Reference Number:

The application reference number is 761024

Submitted by:

The application was submitted by
ER093868/Cynthia L Sanchez

Submitted Timestamp:

The application was submitted on 2025-02-20
at 14:28:07 CST

Submitted From:

The application was submitted from IP address
155.190.8.4

Confirmation Number:

The confirmation number is 631672

Steers Version:

The STEERS version is 6.87

Permit Number:

The permit number is 3129

Additional Information

Application Creator: This account was created by Robert J Ontko

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

Date:	02/20/2025
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 82		
XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	02/20/2025
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 24990	Issuance Date: 10/15/2015	Authorization No.:	Issuance Date:
Authorization No.: 167781	Issuance Date: 02/15/2022	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

Date:	02/20/2025
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106	Version No./Date: 10/04/1995
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: 37255	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: GRPBOIL1		
Applicable Form: OP-UA6		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 117, Subchapter B		
SOP/GOP Index No.: R7-BOIL1A		
Pollutant: CO		
Main Standard: §117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: A fuel flow that exceeds a calculated heat input of 80 MMBtu/hr shall be considered and reported as a deviation.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Fuel Flow Rate	Minimum Frequency: Monthly	
Averaging Period: N/A		

Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: 37255	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: GRPBOIL2		
Applicable Form: OP-UA6		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 117, Subchapter B		
SOP/GOP Index No.: R7-BOIL2A		
Pollutant: CO		
Main Standard: §117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: A fuel flow that exceeds a calculated heat input of 85 MMBtu/hr shall be considered and reported as a deviation.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Fuel Flow Rate	Minimum Frequency: Monthly	
Averaging Period: N/A		

Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.

be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

6. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
 - E. The permit holder shall comply with either of the following requirements for any particulate matter capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective action:
 - (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
 - (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.
 - F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities

Commented [R01]: To TCEQ: As requested, an updated Form OP-REQ1 is included with this response. Answers in Section XI.K (Page 82) of the form were updated to reflect the Periodic Monitoring added with this permit renewal.

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)
							Monitoring Summary		
GRPBOIL1	EU	60DC-BOIL1A	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRPBOIL1	EU	60DC-BOIL1A	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRPBOIL1	EU	60DC-BOIL1A	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
GRPBOIL2	EU	R7-BOIL2A	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B) § 117.310(c)(3)	CO emissions must not exceed 400 ppmv at 3.0% O ₂ , dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

Commented [R02]: To TCEQ: Add back applicable Chapter 117 NOX requirements for GRPBOIL1 based on the previously submitted Form OP-UA6.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPBOIL2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7-BOIL2A
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Flow Rate	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: A fuel flow that exceeds a calculated heat input of 80-85 MMBtu/hr shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record the fuel flow rate when the boiler is in operation. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. The fuel flow rate shall be used in conjunction with the permitted NSR CO emission factor to demonstrate compliance with the NSR MAERT limitation, which corresponds to a CO concentration less than the 30 TAC Chapter 117 CO emission limitation of 400 ppmv.	

Commented [R03]: To TCEQ: Please update the deviation limit for Group ID No. GRPBOIL2 as indicated on the Form OP-MON, submitted on January 16, 2025.

Commented [R04]: To TCEQ: Formatting.

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
GRPBOIL1	E-8	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in §63.11237.
GRPBOIL2	E-9	40 CFR Part 60, Subpart D	This boiler is less than 250 MMBtu/hour.
GRPBOIL2	E-9	40 CFR Part 60, Subpart Da	This boiler is less than 250 MMBtu/hour
GRPBOIL2	E-9	40 CFR Part 60, Subpart Db	This boiler is less than 100 MMBtu/hour
GRPBOIL2	E-9	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
GRPBOIL2	E-9	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in §63.11237.
GRPDYER1	E-27, E-3	30 TAC Chapter 117, Subchapter B	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
GRPDYER1	E-27, E-3	40 CFR Part 60, Subpart UUU	These facilities have not commenced construction, reconstruction, or modification after 04/23/1986.
GRPDYER1	E-27, E-3	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
GRPDYER1	E-27, E-3	40 CFR Part 63, Subpart JJJJJJ	Units do not meet the definition of boiler in § 63.11237.
GRPDYER2	E-11A	30 TAC Chapter 117, Subchapter B	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
GRPDYER2	E-11A	40 CFR Part 60, Subpart UUU	These facilities have not commenced construction, reconstruction, or modification after 04/23/1986.

Commented [R05]: To TCEQ: Formatting.

Commented [R06]: To TCEQ: Formatting.

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
GRPDYER2	E-11A	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
GRPDYER2	E-11A	40 CFR Part 63, Subpart JJJJJ	Unit does not meet the definition of boiler in § 63.11237.
GRPDYER3	E-6A, E-6B	30 TAC Chapter 117, Subchapter B	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
GRPDYER3	E-6A, E-6B	40 CFR Part 60, Subpart UUU	These facilities have not commenced construction, reconstruction, or modification after 04/23/1986.
GRPDYER3	E-6A, E-6B	40 CFR Part 63, Subpart DDDDD	Site is an area source of HAP.
GRPDYER3	E-6A, E-6B	40 CFR Part 63, Subpart JJJJJ	Units do not meet the definition of boiler in § 63.11237.
GRPGYPSUM1	E-15, E-16, E-34, E-35, F-14, F-16, F-17, F-18	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
GRPKTLC	E2-1, E2-2, E2-3	40 CFR Part 60, Subpart OOO	These facilities have not commenced construction, reconstruction, or modification after 08/31/1983.
GRPTANK1	E-22	30 TAC Chapter 115, Storage of VOCs	A storage tank with storage capacity less than 1,000 gallons is exempt from the requirements of this division.
GRPTANK1	E-22	40 CFR Part 60, Subpart K	The storage vessels each have a storage capacity of less than 40,000 gallons.
GRPTANK1	E-22	40 CFR Part 60, Subpart Ka	The storage vessels each have a storage capacity of less than 40,000 gallons.

Commented [R07]: To TCEQ: Formatting.

From: Jasmine Yuan
Sent: Thursday, February 6, 2025 4:30 PM
To: Robert Ontko
Cc: Torres, Jesse; Ramirez, Ruben
Subject: RE: Technical Review - O3129 United States Gypsum Company (Renewal, 37255)
Attachments: SOP - O3129 United States Gypsum Company (Renewal, 37255) Draft.docx

Hi Robert

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

Please review the WDP and submit to me any comments you have on the working draft permit by Due 02/21/2025.

***I think one more thing you need to do is update OP-REQ1 page 82-83, PM questions. You should change it to Yes indicating this project contains PM. This will result in a PM term in SOP. I included it in the permit already.
You can submit it through STEERS, along with your comments/or agreement on WDP . This will take care of the OP-CRO1.***

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

Date:	10/10/2024
Permit No.:	O3129
RN No.:	100212281

- ♦ For SOP applications, answer ALL questions unless otherwise directed.
♦ For GOP applications, answer ONLY these questions unless otherwise directed.

Form OP-REQ1: Page 82		
XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
♦ 4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
♦ 5.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
♦ 6.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
♦ 7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
♦ 1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
♦ 2.	The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
♦ 3.	All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO

Please review the second portion of the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. After final review of the WDP, additional changes supported by application updates may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that was not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an

original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,
Jasmine Yuan

From: Robert Ontko <robert.ontko@beath.us>
Sent: Thursday, February 6, 2025 3:25 PM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>
Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Jasmine,

On behalf of United States Gypsum Company, we have no comments on the proposed changes.

Let us know if you have any additional questions or comments. Thanks for your continued review of this permit renewal application.

Regards,
Robert



ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance & Permitting Lead

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

[Let's connect on LinkedIn!](#)

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, February 6, 2025 1:24 PM
To: Robert Ontko <robert.ontko@beath.us>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Robert

Our monitoring specialist has reviewed your case-by-case monitoring. He made a few comments, see pic below.

Please review, let me know if you have comments. Otherwise, I will enter this in the permit.

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPBOIL1 E-8	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7-BOIL1A
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: Fuel Flow Rate	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: A fuel flow that exceeds a calculated heat input of 80 MMBtu/hr shall be considered and reported as a deviation.	
Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.	
Measure and record the fuel flow rate when the boiler is in operation. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. The fuel flow rate shall be used in conjunction with the permitted NSR CO emission factor to demonstrate compliance with the NSR MAERT limitation, which corresponds to a CO concentration less than the 30 TAC Chapter 117 CO emission limitation of 400 ppmv.	

- a. The units are in groups, but I looked in the database and there is only one unit per group. Per our guidance, a group should have more than one unit. If there is only one unit in the group, the units should be documented individually.
- b. The periodic monitoring text they provided is typically what we use for the basis for similar proposals. I have removed their periodic monitoring text and added standard language we have used for similar proposals. The applicant should review and approve these changes.

Please respond by 02/14/2025.

Thank you!

Jasmine

From: Robert Ontko <robert.ontko@beath.us>

Sent: Thursday, January 16, 2025 4:44 PM

To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>

Cc: Torres, Jesse <JTorres@usg.com>; Ramirez, Ruben <RuRamirez@usg.com>

Subject: RE: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hi Ms. Yuan,

On behalf of United States Gypsum Company, responses to your questions have been submitted via ePermits in STEERS.

We also noticed that some of the Central Registry tracking items for this project have the incorrect year. See screenshot below.

Let us know if you have any questions or comments. Thanks for your continued review of this application.



TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY

[Go To: New Source Review Air Permits](#)

01/14/2025 -----AirPermits IMS - PROJECT RECORD -----

Customer Name: **UNITED STATES GYPSUM COMPANY**
Legal Name: **United States Gypsum Company**
CN Number : **CN600124218**

Region: **HOUSTON** Account Number: **HG0762F** Central Registry Id: **RN100212281**
County Name: **HARRIS** City: **GALENA PARK**
Location : **1201 MAYO SHELL RD**

PROJECT INFORMATION

Area Name: **GALENA PARK PLANT**
Project Number: **37255** Permit Number: **3129**
Permit Type: **SOP** Renewal Date: **04/22/2025** Issued Date:
Project Status: **ACTIVE**

Project Type: **RENEWAL APPLICATION** Project Received Date: **10/10/2024**
STAFF ASSIGNMENT

REVIEW ENG: **JASMINE YUAN**
REVIEWR1_2: **MIGUEL GALLEGOS**

TRACKING ELEMENTS

TE Name	Start Date	Complete Date
PNAP DUE TO TEAM LEADER (DATE)	03/25/2025	
TECHNICAL REVIEW PERIOD	01/08/2025	
PROJECT RECEIVED BY ENGINEER (DATE)	10/25/2024	
APIRT TRANSFERRED PROJECT TO TECHNICAL STAFF (DATE)	10/17/2024	
LEGISLATORS NOTIFIED OF APPLICATION RECEIVED (DATE)	10/17/2024	
PROJECT DECLARED ADMIN COMPLETE (DATE)	10/17/2024	
INITIAL INFO/APPL/REQUEST RECEIVED BY TCEQ (DATE)	10/10/2024	
APIRT RECEIVED PROJECT (DATE)	10/10/2024	
INFORMAL REQUEST FOR INFORMATION	01/09/2024	
INITIAL CONTACT W/APPL	01/09/2024	
COMPLIANCE HISTORY REVIEW COMPLETED (DATE)	01/08/2024	

Regards,
Robert



ROBERT ONTKO, P.E. (TX, LA, AZ) | Compliance Assurance &
Permitting Lead

C: 832.372.9928 | **L:** Houston Area, TX
O: 148 S. Dowlen #86, Beaumont, TX 77707
E: robert.ontko@beath.us | **W:** www.beath.us

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Texas Commission on Environmental Quality

Title V Existing

3129

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	GALENA PARK PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.723888
Longitude (W) (-###.#####)	95.241666
Primary SIC Code	3275
Secondary SIC Code	
Primary NAICS Code	327420
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212281
What is the name of the Regulated Entity (RE)?	UNITED STATES GYPSUM
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.7239
Longitude (W) (-###.#####)	-95.2417
Facility NAICS Code	
What is the primary business of this entity?	GYPSUM WALLBOARD & WALLBOARD MANUFACTURING/ INDUST

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600124218
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	United States Gypsum Company
Texas SOS Filing Number	2566506
Federal Tax ID	361898410
State Franchise Tax ID	13618984101
State Sales Tax ID	
Local Tax ID	
DUNS Number	8019473
Number of Employees	101-250
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MS
First	CYNTHIA
Middle	
Last	SANCHEZ
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547

Phone (###-###-####)	7133085410
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085406
E-mail	clsanchez@usg.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

JESSE TORRES(UNITED STATES G...)

UNITED STATES GYPSUM COMPANY

MR

JESSE

TORRES

ENVIRONMENTAL COORDINATOR

Domestic

PO BOX 525

GALENA PARK

TX

77547

7133085480

7133085407

jtorres@usg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 43 Min 26 Sec

3) Permit Longitude Coordinate:	95 Deg 14 Min 30 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	3129-37255
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name	OP_SUMR_USG GP Title SOP O3129 Renewal Project 37255 Additional Info Form OP-SUMR.pdf
Hash	52B5E37B17F6DC3F5B74394464F972D44B8EE448F6BDC21F45F79F0E1C2C2D90
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

[File Properties]

File Name	OP_MON_USG GP Title SOP O3129 Renewal Project 37255 Additional Info Form OP-MON.pdf
Hash	B93EF3524BA6BF5635B5B6961C7E494E70568DBEA43886AD9C603B323656583B

MIME-Type	application/pdf
Attach OP-UA (Unit Attribute) Forms	
[File Properties]	
File Name	USG GP Title SOP O3129 Renewal Project 37255 Additional Info Form OP-UA15.pdf
Hash	C270B2C09315A79EF474EE39F066087AE3695A6B97EBD6CC4CE392DE45671BB6
MIME-Type	application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]	
File Name	2025-0116 USG GP Title SOP O3129 Renewal Project 37255 Additional Info-Signed.pdf
Hash	4D0876A6F4E21530C12574F646C6F0E2D6E3B0BF8C0C1881FB688C77DBB11D8F
MIME-Type	application/pdf
[File Properties]	
File Name	2025-0116 USG GP Title SOP O3129 Renewal Project 37255 CONFIDENTIAL Additional Info-Signed.pdf
Hash	E50F89B7F14E951212A517BF5E6C1C294FC43DAAA5344F8354D4B8E4788115D1
MIME-Type	application/pdf

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

Certification

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

1. I am Cynthia L Sanchez, the owner of the STEERS account ER093868.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 3129.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Cynthia L Sanchez OWNER OPERATOR

Account Number:	ER093868
Signature IP Address:	155.190.17.6
Signature Date:	2025-01-16
Signature Hash:	BA9EDE70E5660C77FF211D9C95E823AC53383D172EC6A34975353B722CEE15E9
Form Hash Code at time of Signature:	998555CCD2096E417C07D6BFB6D9792F5DD4B8297D851646A3ABFDF9D5E168BF

Submission

Reference Number:	The application reference number is 746270
Submitted by:	The application was submitted by ER093868/Cynthia L Sanchez
Submitted Timestamp:	The application was submitted on 2025-01-16 at 12:03:59 CST
Submitted From:	The application was submitted from IP address 155.190.17.6
Confirmation Number:	The confirmation number is 619621
Steers Version:	The STEERS version is 6.85
Permit Number:	The permit number is 3129

Additional Information

Application Creator: This account was created by Robert J Ontko



January 16, 2025

Ms. Jasmine Yuan

Texas Commission on Environmental Quality (TCEQ)

Air Permits Division

Via ePermits: <https://www3.tceq.texas.gov/steers/>

**Subject: Site Operating Permit No. 03129 Renewal Application (TCEQ Project No. 37255) –
Additional Information Needed
United States Gypsum Company
Galena Park Plant
TCEQ Account No. HG-0762-F
Customer Reference Number: CN600124218
Regulated Entity Reference Number: RN100212281**

Ms. Yuan:

United States Gypsum Company (USG) hereby submits this letter with attachments in response to the request for additional information received on January 9, 2025 regarding the renewal application for the above referenced site operating permit (SOP). The items have been renumbered to be sequential since they were received in two emails.

1. OP-SUMR, Page 2, 106.262 version date should be 11/01/2003, not 11/03/2003. Please submit updated form.
USG Response: An updated Form OP-SUMR is included as Attachment 1 with the revised version date for 106.262.
2. OP-UA15, Page 1, E-4 attribute Opacity monitoring system should be NONE, not NOTE.
USG Response: An updated Form OP-UA15, Table 1a is included as Attachment 2 with the revised attribute for Emission Point ID No. E-4.

3. Boilers E-8, E-9 are subject to PM for pollutant CO for rule 30 TAC Chapter 117. Please send OP-MON. GRPBOIL1, GRPBOIL2 only contains 1 unit for each. Do you want to remove group or keep it?

USG Response: OP-MON forms are included as Attachment 3 to propose Periodic Monitoring (PM) for pollutant carbon monoxide (CO) for 30 TAC Chapter 117 for the boilers (Unit ID Nos. E-8 and E-9 and Group ID Nos. GRPBOIL1 and GRPBOIL2). Detailed emissions calculations for the current hourly CO emission limits in the New Source Review (NSR) Permit No. 24990 Maximum Allowable Emission Rate Table (MAERT) are submitted confidentially as Attachment 4 as supporting documentation for the proposed Periodic Monitoring. USG requests to keep Group ID Nos. GRPBOIL1 and GRPBOIL2 for these units.

4. [G]roup GRPTANK1 has only 1 unit E-22 after E-23 being removed. Do you want to remove the group, just list E-22 by itself?

USG Response: USG requests to keep Group ID No. GRPTANK1.

5. OP-MON Form, For deviation limit of 30 chapter 111 visible emissions, please clarify why the pressure drop deviation limit satisfy 20% opacity limit, required by 111.111(a)(1)(B).

USG Response: The pressure drop deviation limit satisfies the 20% opacity required by 30 TAC 111.111(a)(1)(B) since pressure drop is an indicator of proper dust collector operation. Properly operated dust collectors have been demonstrated to meet opacity limitations since opacity is a surrogate for particulate matter that exits the dust collector.

6. On UA15: Are those five units labeled 72+[1] all the vents before 1972? Do you have other older vents before 1972 not on UA15? If these 5 vents are all the vents before 1972, you can change to the answer of OP-REQ1, page 1, answer 3, IA.3. to No. So the term will change a little bit exclude vents < 1972; If you have other vents -72, then you don't need to change the OP-REQ1 answer. The term will cover vents <1972.

USG Response: The Galena Park Plant has other vents constructed before 1972 that were not listed on Form OP-UA15. Therefore, an updated Form OP-REQ1 is not required.

If you have any questions concerning this submittal, please contact me at 713-308-5480 or by email at JTorres@usg.com.

Sincerely,



Jesse Torres
Environmental Coordinator

Attachments

cc: Mr. Joseph Doby, Air Section Manager, TCEQ Region 12 via email at joe.doby@tceq.texas.gov
and RFCAIR12@tceq.texas.gov
Dr. Latrice Babin, Director, Harris County Pollution Control Services via email at
air_permits@pcs.hctx.net
Ms. Cynthia Kaleri, Air Permits Section, USEPA Region 6 via email at R6AirPermitsTX@epa.gov
Ms. Cynthia L. Sanchez, Plant Manager, Galena Park Plant
Mr. Robert Ontko, P.E., Sr. Environmental Engineer, John Beath Environmental, LLC

Updated Form OP-SUMR

Attachment 1

January 2025

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

Table 1

Date	Permit No.	Regulated Entity No.
01/16/2025	O3129	RN100212281

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	10, 11	S-1	OP-REQ2	CLAY SILO		106.262/11/01/2003 [169062]	

Updated Form OP-UA15, Table 1a
Attachment 2

January 2025

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/16/2025	O3129	RN100212281

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
E-4	R111-E4	NO		OTHER	NONE	72+ ^[1]	100-

Note:

[1] The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.

Form OP-MON

Attachment 3

January 2025

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: 37255	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: GRPBOIL1		
Applicable Form: OP-UA6		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 117, Subchapter B		
SOP/GOP Index No.: R7-BOIL1A		
Pollutant: CO		
Main Standard: §117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: A fuel flow that exceeds a calculated heat input of 80 MMBtu/hr shall be considered and reported as a deviation.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Fuel Flow Rate	Minimum Frequency: Monthly	
Averaging Period: N/A		

Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: 37255	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: GRPBOIL2		
Applicable Form: OP-UA6		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 117, Subchapter B		
SOP/GOP Index No.: R7-BOIL2A		
Pollutant: CO		
Main Standard: §117.310(c)(1)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: A fuel flow that exceeds a calculated heat input of 85 MMBtu/hr shall be considered and reported as a deviation.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: Fuel Flow Rate	Minimum Frequency: Monthly	
Averaging Period: N/A		

Periodic Monitoring Text: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a correlation between fuel consumption and emission rates. In situations where such a correlation exists, measuring, calculating and recording the fuel consumption rate indicates whether the emission limitation or standard is being met. The indicated source has a MAERT limit in the NSR permit that corresponds to a CO concentration well below the Chapter 117 limit of 400 ppmv. The emission limit represented in the NSR permit is based on the specified maximum heat input and the CO emission factor documented in the NSR application. When the fuel consumption demonstrates compliance with the NSR MAERT limit, this will ensure compliance with the 30 TAC Chapter 117 CO emission standard.

CONFIDENTIAL

Supporting Documentation

Attachment 4

January 2025

Detailed emissions calculations for the current hourly CO emission limits in the NSR Permit No. 24990 MAERT were marked as confidential.

Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the Texas Commission on Environmental Quality, Public Information Coordinator, MC-197, P.O. Box 13087, Austin, Texas 78711-3087.

From: Jasmine Yuan
Sent: Thursday, January 9, 2025 10:36 AM
To: jtorres@usg.com
Subject: Technical Review - 03129 United States Gypsum Company (Renewal, 37255)

Hello Mr. Torres,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. 03129 for United States Gypsum Company, Galena Park Plant. This application has been assigned Project No. 37255. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

Upon review, I found the following deficiencies in your application. Please respond by 01/24/2025 or sooner.

- 1, OP-SUMR, Page 2, 106.262 version date should be 11/01/2003, not 11/03/2003. Please submit updated form.
- 2, OP-UA15, Page 1, E-4 attribute Opacity monitoring system should be NONE, not NOTE.
- 3, Boilers E-8, E-9 are subject to PM for pollutant CO for rule 30 TAC Chapter 117. Please send OP-MON. GRPBOIL1, GRPBOIL2 only contains 1 unit for each. Do you want to remove group or keep it?
- 4, group GRPTANK1 has only 1 unit E-22 after E-23 being removed. Do you want to remove the group, just list E-22 by itself?

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Jasmine Yuan
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-6090
Fax: (512)239-1400
Jasmine.Yuan@tceq.texas.gov

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From: eNotice TCEQ
Sent: Thursday, October 17, 2024 4:40 PM
To: carol.alvarado@senate.texas.gov; Jaime.Villarreal@senate.texas.gov;
megan.maldonado@senate.texas.gov; Ana.hernandez@house.texas.gov
Subject: TCEQ Notice - Permit Number O3129
Attachments: TCEQ Notice - O3129_37255.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 17, 2024

THE HONORABLE CAROL ALVARADO
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37255
Permit Number: O3129
United States Gypsum Company
Galena Park Plant
Galena Park, Harris County
Regulated Entity Number: RN100212281
Customer Reference Number: CN600124218

Dear Senator Alvarado:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.241666,29.723888&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Carol Alvarado
Page 2
October 17, 2024

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 17, 2024

THE HONORABLE ANA HERNANDEZ
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37255
Permit Number: O3129
United States Gypsum Company
Galena Park Plant
Galena Park, Harris County
Regulated Entity Number: RN100212281
Customer Reference Number: CN600124218

Dear Representative Hernandez:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.241666,29.723888&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality



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Sen. Carol Alvarado (D)

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Entered Office: 12-21-2018

Term Ends: 01-2025

District: 6

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General Information

Profession: Small Business Consultant

Home Town: Houston

Birthdate: 10-26-1967

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Personal Information

University of Houston, B.A., M.B.A.

House Member, 2009-2018; Senate Member: 2018 - present

Office Information

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Contact and Phone Numbers

Capitol Office:

3E.2

Capitol Phone: (512) 463-0106

Capitol Fax: (512) 463-0346

carol.alvarado@senate.texas.gov (mailto:carol.alvarado@senate.texas.gov)

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Houston, TX 77011

(713) 926-6257

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Office	Office Holder	Phone / Fax
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Rep. Ana Hernandez (D)

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(Texas House of Representatives
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Entered Office: 12-20-2005
District: 143

General Information

Profession: Attorney
Home Town: Houston
Birthdate: 08-25-1978
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Personal Information

BS, Political Science/Psychology-University of Houston; JD-University of Texas at Austin

H-2005-present.

Office Information

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TCEQ AREA OFFICES

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Area Director: David A. Ramirez
1804 W. Jefferson Ave. • Harlingen, TX 78550-5247
956-425-6010 • FAX: 956-412-5059

CENTRAL TEXAS

Region 9, Waco • Region 11, Austin • Region 13, San Antonio

Area Director: Joel Anderson, MC 172
P.O. Box 13087 • Austin, TX 78711-3087
12100 Park 35 Circle • Austin, TX 78753
210-403-4010 • FAX: 512-239-4390

COASTAL AND EAST TEXAS

Region 5, Tyler • Region 10, Beaumont • Region 12, Houston • Region 14, Corpus Christi

Area Director: David Van Soest, MC 172
P.O. Box 13087 • Austin, TX 78711-3087
12100 Park 35 Circle • Austin, TX 78753
512-239-0468 • FAX: 512-239-4390

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Area Director: Randy J. Ammons
5012 50th St., Ste. 100 • Lubbock, TX 79414-3426
806-796-7092 • FAX: 806-796-7107

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9 – WACO

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10 – BEAUMONT

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P.O. Box 1185 • Eagle Pass, TX 78853-1185
1152 Ferry St., Ste. E & F
Eagle Pass, TX 78852-4367
830-773-5059 or 800-609-1219
FAX: 830-773-4103

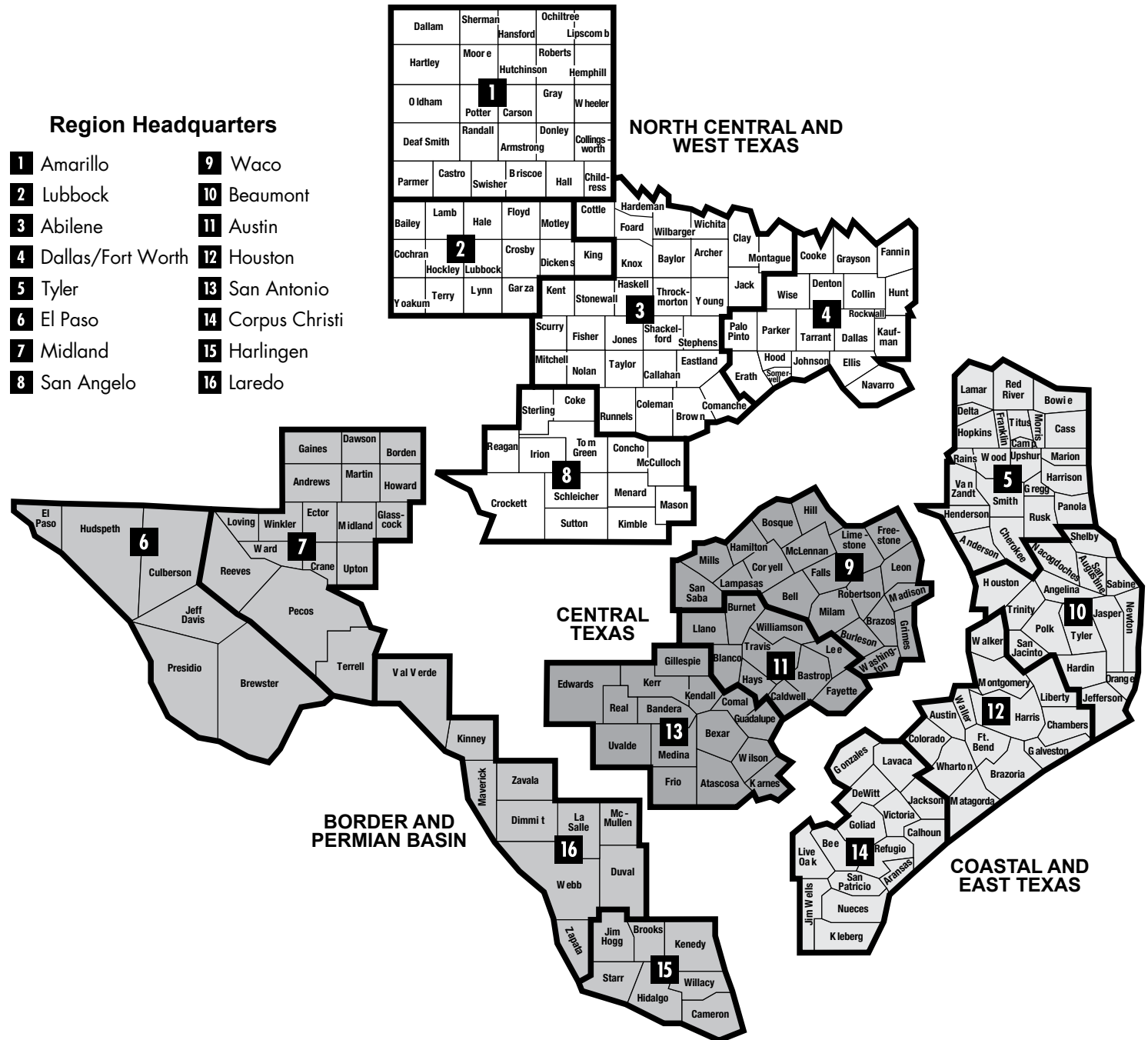
South Texas Watermaster: Angela Sander

14250 Judson Rd.
San Antonio, TX 78233-4480
210-416-3997 or 800-733-2733
FAX: 210-545-4329

See more regional information:
www.tceq.texas.gov/goto/regions.

TCEQ Central Office: P.O. Box 13087,
Austin, Texas 78711-3087, 512-239-1000

TCEQ Areas, Regions, and Compliance Assistance Team Members



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REGION 2 – LUBBOCK
Hailey Clark, 806-796-7636
Courtney Lanier, 806-796-7092

REGION 3 – ABILENE
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REGION 4 – DFW
Katie Cunningham, 817-588-5907
Kristen Fenati, 817-588-5827
Luke Calder, 817-588-5927

REGION 5 – TYLER
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REGION 7 – MIDLAND
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Vacant

REGION 15 – HARLINGEN
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How is our customer service? Fill out our online survey at www.tceq.texas.gov/customersurvey.

Texas Commission on Environmental Quality

Title V Existing

3129

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	GALENA PARK PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL ROAD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.723888
Longitude (W) (-###.#####)	95.241666
Primary SIC Code	3275
Secondary SIC Code	
Primary NAICS Code	327420
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100212281
What is the name of the Regulated Entity (RE)?	UNITED STATES GYPSUM
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1201 MAYO SHELL RD
City	GALENA PARK
State	TX
ZIP	77547
County	HARRIS
Latitude (N) (##.#####)	29.7239
Longitude (W) (-###.#####)	-95.2417
Facility NAICS Code	
What is the primary business of this entity?	GYPSUM WALLBOARD & WALLBOARD MANUFACTURING/ INDUST

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600124218
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	United States Gypsum Company
Texas SOS Filing Number	2566506
Federal Tax ID	361898410
State Franchise Tax ID	13618984101

State Sales Tax ID	
Local Tax ID	
DUNS Number	8019473
Number of Employees	101-250
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	UNITED STATES GYPSUM COMPANY
Prefix	MS
First	CYNTHIA
Middle	
Last	SANCHEZ
Suffix	
Credentials	
Title	PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085410
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085406
E-mail	clsanchez@usg.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	New Contact
Organization Name	United States Gypsum Company
Prefix	MR
First	Jesse
Middle	
Last	Torres
Suffix	
Credentials	
Title	Environmental Coordinator
Enter new address or copy one from list:	Responsible Official Contact
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 525
Routing (such as Mail Code, Dept., or Attn:)	
City	GALENA PARK
State	TX
ZIP	77547
Phone (###-###-####)	7133085480
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7133085407
E-mail	JTorres@usg.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 43 Min 26 Sec
3) Permit Longitude Coordinate:	95 Deg 14 Min 30 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Renewal
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)	
[File Properties]	
File Name	OP_1_USG GP Renewal Form OP-1.pdf
Hash	EC01A4758317078437C2D6D5BFCC5BBEE411FA4B8A7E755ACACD7CA90F543B97
MIME-Type	application/pdf
Attach OP-2 (Application for Permit Revision/Renewal)	
[File Properties]	
File Name	OP_2_USG GP Renewal Form OP-2.pdf
Hash	475673957EA3E11009CD8C3A4702623EB06C4F60E264CD24188E97DA5803EBB6
MIME-Type	application/pdf
Attach OP-ACPS (Application Compliance Plan and Schedule)	
[File Properties]	
File Name	OP_ACPS_USG GP Renewal Form OP-ACPS.pdf

Hash DCCD9B5CC356EE03336C482913FD2BB22158D709CFADC33FABE33ECD12BB32DF
MIME-Type application/pdf

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)
[File Properties]
File Name OP_REQ1_USG GP Renewal Form OP-REQ1.pdf

Hash 45475A6B881B093647EC281509864A32D4BE56170C963CDE2E8C365599939261
MIME-Type application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)
[File Properties]
File Name OP_REQ2_USG GP Renewal Form OP-REQ2.pdf

Hash B80063060A8F1581EA8B373AB2C723BCDF21A7F7E9FB262DF68FCC6EE926459
MIME-Type application/pdf

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)
[File Properties]
File Name OP_PBRSUP_USG GP Renewal Form OP-PBRSUP.pdf

Hash C2490774F4B8EC0A6B6CEB6498C3A014B2F05A6E2696D93DBC8AAC5BAD099E05
MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)
[File Properties]
File Name OP_SUMR_USG GP Renewal Form OP-SUMR.pdf

Hash D2E77B936A4F13D43FCDEEFCDD09017995D85DD71F5E860B5693EBAC940579FC9
MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)
[File Properties]
File Name OP_MON_USG GP Renewal OP-MON Forms.pdf

Hash FA83BEC531DB322750642020AEAEA6464B451D3CA7C93A85C3DCAC34417B70BB
MIME-Type application/pdf

Attach OP-UA (Unit Attribute) Forms
[File Properties]
File Name USG GP Renewal OP-UA Forms.pdf

Hash 61FB64968D29AEB5FC2BA942B21A1AC36677E078231F59F034E7F94A8EE0857C
MIME-Type application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2024-1010 USG GP Title V SOP O3129 Renewal App-Signed.pdf
Hash	90A2DE16FACC255D8D6BF0D2D75240FA20AB466837C07ECEBBB48E4B2EC65107
MIME-Type	application/pdf

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

Expedite Title V

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

Certification

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

- 1. I am Cynthia L Sanchez, the owner of the STEERS account ER093868.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 3129.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Cynthia L Sanchez OWNER OPERATOR

Account Number:	ER093868
Signature IP Address:	155.190.8.7
Signature Date:	2024-10-10
Signature Hash:	BA9EDE70E5660C77FF211D9C95E823AC53383D172EC6A34975353B722CEE15E9
Form Hash Code at time of Signature:	9BD6F42C181903C3D78050797C9D3C4DCC419B1F79EBDC35A2170D09FB5ECEA6

Submission

Reference Number:

The application reference number is 691028

Submitted by:

The application was submitted by
ER093868/Cynthia L Sanchez

Submitted Timestamp:

The application was submitted on 2024-10-10
at 12:26:16 CDT

Submitted From:

The application was submitted from IP address
155.190.8.7

Confirmation Number:

The confirmation number is 570477

Steers Version:

The STEERS version is 6.82

Permit Number:

The permit number is 3129

Additional Information

Application Creator: This account was created by Robert J Ontko



October 10, 2024

Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT)
Air Permits Division
Via ePermits: <https://www3.tceq.texas.gov/steers/>

Subject: Site Operating Permit No. 03129 Renewal Application
United States Gypsum Company
Galena Park Plant
TCEQ Account No. HG-0762-F
Customer Reference Number: CN600124218
Regulated Entity Reference Number: RN100212281

To the Agency:

United States Gypsum Company (USG) hereby submits a renewal application for the above referenced site operating permit (SOP). The attached package includes all information required for a complete submittal under Title 30 of the Texas Administrative Code (30 TAC) Chapter 122. This renewal application is being submitted at least six months prior to the April 22, 2025 expiration date of the permit.

If you have any questions concerning this submittal, please contact me at 713-308-5480 or by email at JTorres@usg.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Jesse Torres", with a large, stylized initial "J" and a long, sweeping underline.

Jesse Torres
Environmental Coordinator

Attachments

USG Galena Park Plant 1201 Mayo Shell Rd, Galena Park, Texas 713-308-5480 t. 346-603-7451 c

usg.com

cc: Mr. Joseph Doby, Air Section Manager, TCEQ Region 12:
5425 Polk St, Ste H, Houston TX 77023-1452
Dr. Latrice Babin, Director, Harris County Pollution Control Services:
101 S. Richey St, Ste. H, Pasadena, Texas 77506-1023
Ms. Cynthia Kaleri, Air Permits Section, USEPA Region 6 via email at R6AirPermitsTX@epa.gov
Ms. Cynthia L. Sanchez, Plant Manager, Galena Park Plant
Mr. Robert Ontko, P.E., Sr. Environmental Engineer, John Beath Environmental, LLC



John Beath Environmental, LLC
Striving to make something better every day.



Title V Site Operating Permit No. 03129 Renewal Application

United States Gypsum Company
Galena Park Plant
CN600124218
RN100212281

JBE Project No. 199-015

10 October 2024

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List of Abbreviations

CAM	Compliance Assurance Monitoring
EPN	Emission Point Number
SOP	Site Operating Permit
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
USG	United States Gypsum Company

1.0 – INTRODUCTION

United States Gypsum Company (USG) owns and operates the Galena Park Plant in Harris County, Texas. The site operates under the authorization of Title V Site Operating Permit (SOP) Number O3129. The Galena Park Plant produces gypsum wallboard, paper, and joint treatment compound. Facilities at the site include two boilers, four process heaters, and various material handling sources.

USG submitted its previous SOP renewal application for the Galena Park Plant on June 13, 2019, and received its effective SOP from the Texas Commission on Environmental Quality (TCEQ) on April 22, 2020. No minor or significant revisions for SOP O3129 were submitted since its renewal.

USG is submitting this renewal application to request permit renewal prior to expiration of Title V SOP Number O3129 on April 22, 2025. This renewal application only includes changes or updates to the existing SOP. Form OP-2, included in Appendix A, summarizes the changes and updates that are being requested in this renewal application.

This application is being submitted according to the timeline required for Title V SOP applications specified in 30 Texas Administrative Code (TAC) §122.133(2), and it contains the following information required by the SOP application procedures specified in 30 TAC §122.132:

- Site location map and plot plan;
- Process description and process flow diagram;
- General and administrative forms OP-CRO1, OP-1, OP-2, OP-SUMR, OP-ACPS, and OP-PBRSUP;
- Area-wide applicable requirements form OP-REQ1;
- Negative applicable requirements form OP-REQ2;
- Unit attribute forms OP-UA6 and OP-UA15; and
- Monitoring requirements forms OP-MON.

Sections 2.0, 3.0, and 4.0 of this application include site descriptive information such as the site location map, plot plan, and process information. Section 5.0 and the related appendices describe and include the necessary TCEQ application forms.



2.0 – SITE MAP

The Galena Park Plant is located at 1201 Mayo Shell Road in Galena Park, Harris County, Texas. An area map depicting the site on a satellite image with respect to other geographical sites within a 3,000-foot radius is included on the following page.



John Beath Environmental, LLC

DESIGN: R. Ontko	DRAWN: L. Beath	CHKD:
DATE: 11/13/2023	SCALE: AS SHOWN	REVISION: 0

W.O. NO.: 199-015

FIGURE 2-1
SITE MAP
United States Gypsum Company
1201 Mayo Shell Road
Galena Park, Texas





3.0 – PLOT PLAN

The plot plan shown in Figure 3-1 depicts the boundaries, property lines, and locations of the buildings, equipment, and process areas located within the Galena Park Plant.

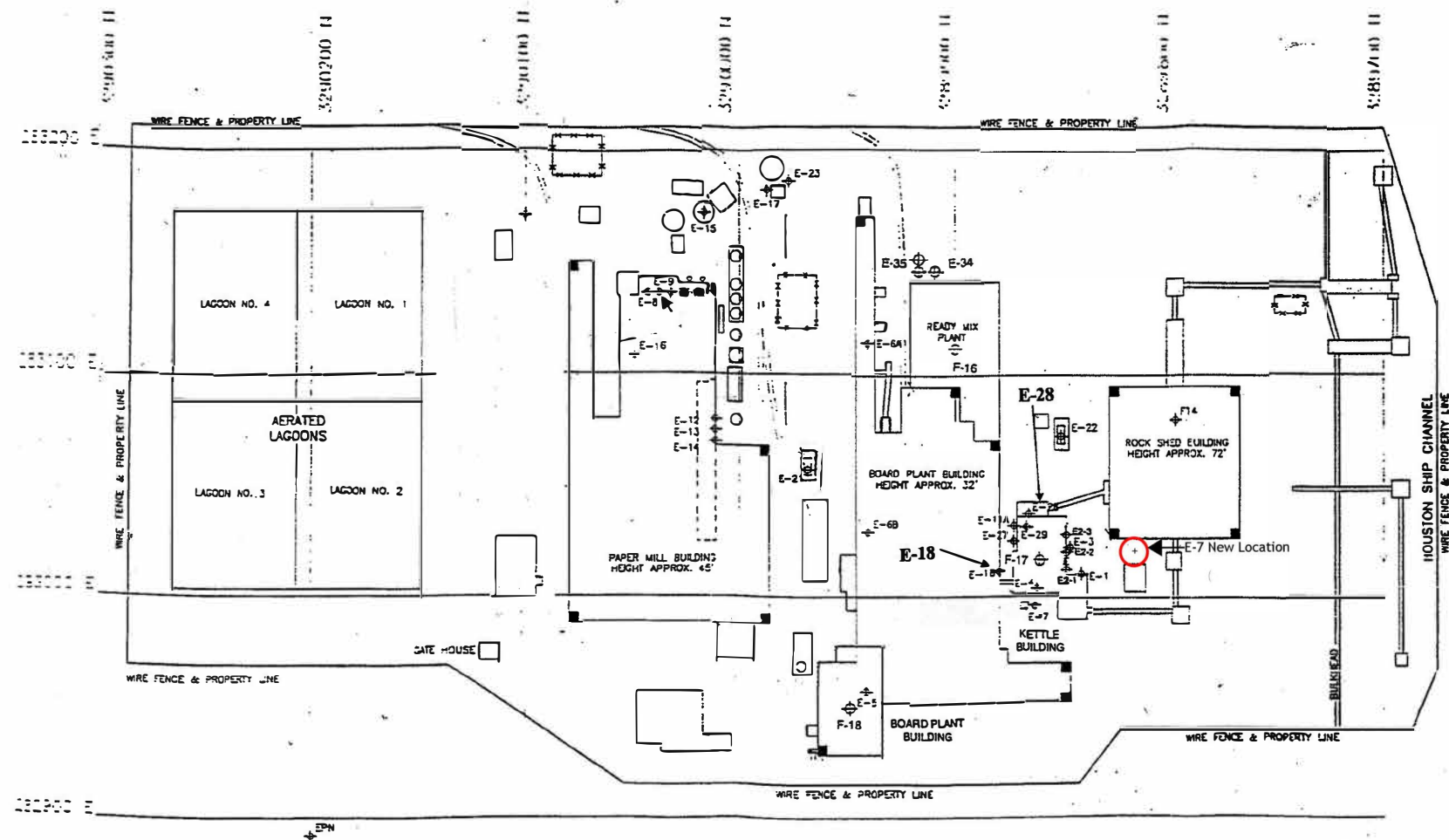


Figure 2

Plot Plan
 United States Gypsum Company
 Galena Park Plant
 Galena, Texas

5/27/09

4.0 – PROCESS DESCRIPTION AND FLOW DIAGRAM

The USG Galena Park facility produces gypsum wallboard, paper, and joint treatment compound (Ready Mix). This facility utilizes gypsum as the primary raw material in gypsum wallboard production. Process flow diagrams are included at the end of this section.

4.1 – Kettle Mill & Board Plant (Wallboard Production)

Gypsum is delivered to the plant by truck. The gypsum raw material is stored in a covered shed or adjacent to the shed [Emission Point Number (EPN) F-14].

The gypsum is conveyed from the storage shed by belt conveyor to a storage bin [Landplaster Bin, Facility Identification Number (FIN) P-17A], which vents inside the kettle mill building (EPN F-17). Gypsum is then metered into a natural gas fired dryer system (EPN 11A) to drive off the free moisture. The gypsum is transported via screw conveyors and a bucket elevator to the kettle feed bins. Each of the kettle feed bins are vented by individual bin ventilators (FINs P-17B to P-17D) and the exhausts are vented inside the kettle mill building (EPN F-17).

The gypsum landplaster is metered from the kettle feed bins through the kettle furnace system (EPN E-3), where the chemically combined water is driven off by a natural gas-fired burner producing calcined gypsum. Particulate emissions from each of the kettle/hot-pit systems are vented through independent bag house dust collectors, and exhausts are routed to atmosphere (EPNs E2-1, E2-2, and E2-3).

After the kettle operation, the calcined gypsum, also known as “stucco”, undergoes additional processing and is then passed through an additional natural gas fired burner system. Emissions from this system enter the atmosphere through bag houses (EPNs E-27 and E-18). The stucco is conveyed to the stucco storage bins via screw conveyors and bucket elevators. The dust generated from these conveyors and the storage bins is controlled by the kettle mill “cooling belt dust collector” (EPN E-4), utilizing fabric filters. The resulting material is conveyed to the board plant surge bin via screw conveyors, belt conveyors, and bucket elevator.

Stucco from the surge bin is metered and is combined with other small quantities of raw materials and conveyed via screw conveyors to the Board Plant Mixer. The dry materials in the Board Plant Mixer are blended and combined with metered water forming a slurry, which is sandwiched between two sheets of paper in a continuous process, producing gypsum wallboard. The paper is produced on-site in the paper mill (see discussion below). The dust generated by the transfer of stucco from the storage bins to the mixer and particulate emissions from dry raw materials is controlled by the board plant dust collector (EPN E-5), a reverse pulse jet cartridge filter type unit.

A small amount of finely ground gypsum, landplaster, is temporarily stored in the landplaster bin and is air conveyed from the kettle mill to the board plant landplaster transfer receiver. The air emissions from this conveying operation and storage are controlled by fabric bags and vents inside the board plant building (FIN P-19/EPN F-18). This landplaster is combined with another raw material for use as

an accelerator in the wallboard production process. Dust generated by the ball mill is controlled by a fabric filter dust collector (FIN P-18B), which discharges inside the board plant building (EPN F-18).

Excess water from the produced gypsum wallboard is removed in a drying kiln (EPNs E- 6A and E-6B), heated by a low-NO_x natural gas-fired burner. The wallboard is cut into appropriate length using end saws and packaged for shipment. Particulate emissions from the end sawing operation are controlled by a fabric filter dust collector (EPN E-7).

A dunnage machine is used to saw “off-spec” gypsum boards into long, thin strips. Particulate emissions from the dunnage machine are controlled by a bag house (EPN DUNNBAG1). These long, thin strips of gypsum board are glued together using a hand roller and are used as racks for stacking the finished gypsum boards that do meet specifications.

4.2 – Paper Mill (Paper Production)

USG’s paper mill production produces wallboard paper for use as a raw material on-site for the board plant and for shipment to other similar off-site board plant facilities. The paper mill receives various grades of recycled waste paper by truck and rail car, which is stored either inside the building or outside on a paved lot. These various grades of waste paper are blended in a hydro pulper, which initially breaks down the raw material and removes extraneous foreign materials. The pulp paper stock is pumped through screens and refined to a usable fiber condition. This pulp paper stock is combined with other raw materials and pumped to the paper machine and formed into a continuous sheet of paper. Emissions from paper drying are routed by fans through three vents (EPNs E-12, E-13, and E-14). Boilers No. 1 and No. 2 provide steam that is used in the paper drying process. The stacks for combustion products from the boilers are EPN E-8 for Boiler No. 1 and EPN E-9 for Boiler No. 2.

The plant also utilizes two diesel storage tanks to provide fuel for plant mobile equipment. The diesel storage tanks vent to the atmosphere (EPNs E-21 and E-22).

4.3 – Joint Treatment (Ready Mix)

The facility has a joint treatment compound (Ready Mix Plant) in the Board Plant building. The Ready Mix Plant is authorized under TCEQ Permits by Rule (30 TAC §106.261 and §106.262) and New Source Review Permit No. 24990.

Ready Mix joint treatment compound is manufactured by combining several dry and liquid raw materials into a mixer. The resulting product is packaged in plastic pails or cardboard cartons. The pails or cartons are stacked on wooden pallets and wrapped with plastic for shipment. The Galena Park facility is equipped with a reclaim system to reformulate off-spec joint compound product and reduce waste.

The bag dump dust collector and dry mixer dust collectors are vented inside the enclosed building (EPN F-16). Bulk raw material storage bins are located outside the building and are vented to the atmosphere (EPNs E-34, E-35, and S-1).

FIGURE 4-1: KETTLE MILL

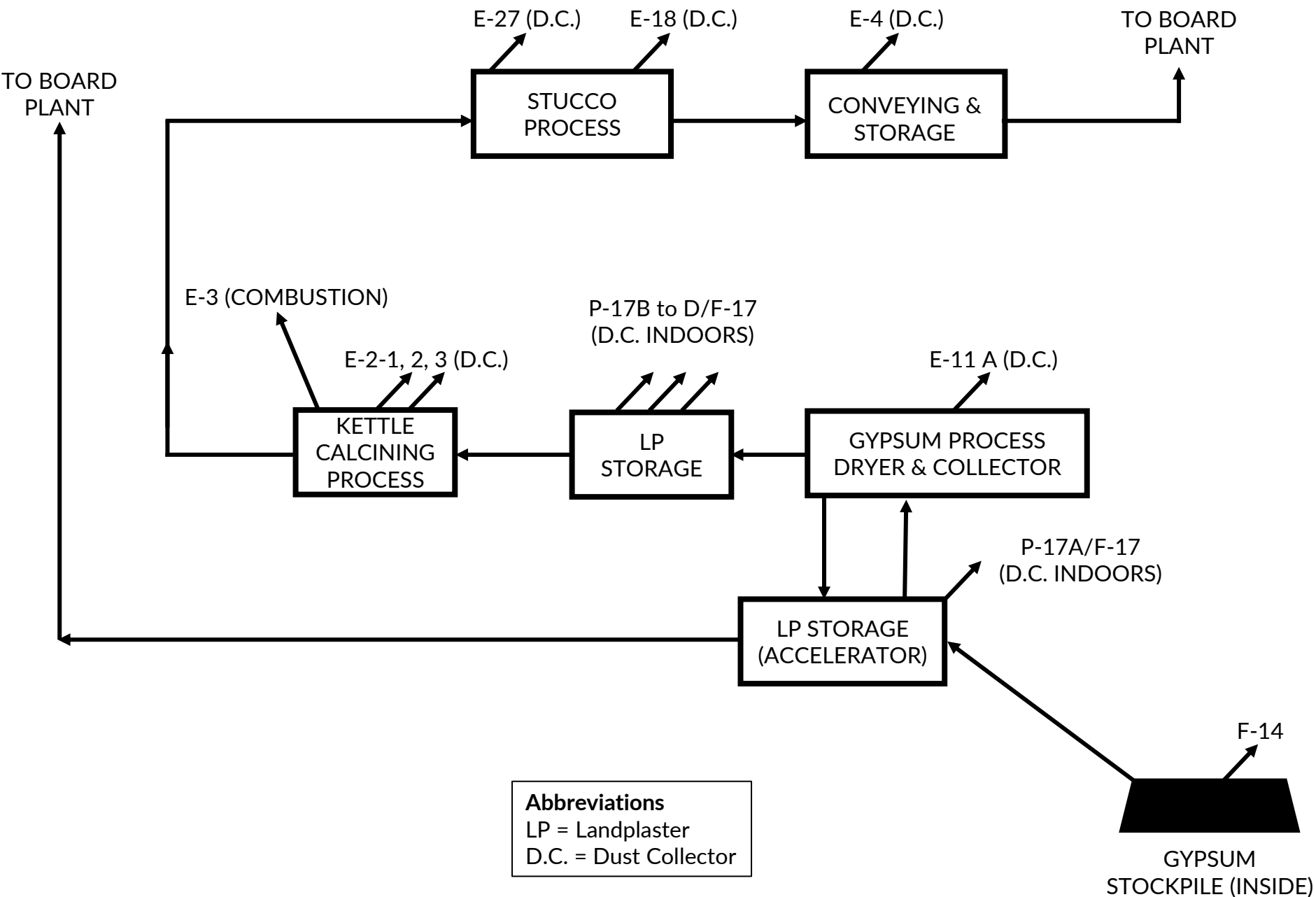


FIGURE 4-2: BOARD PLANT

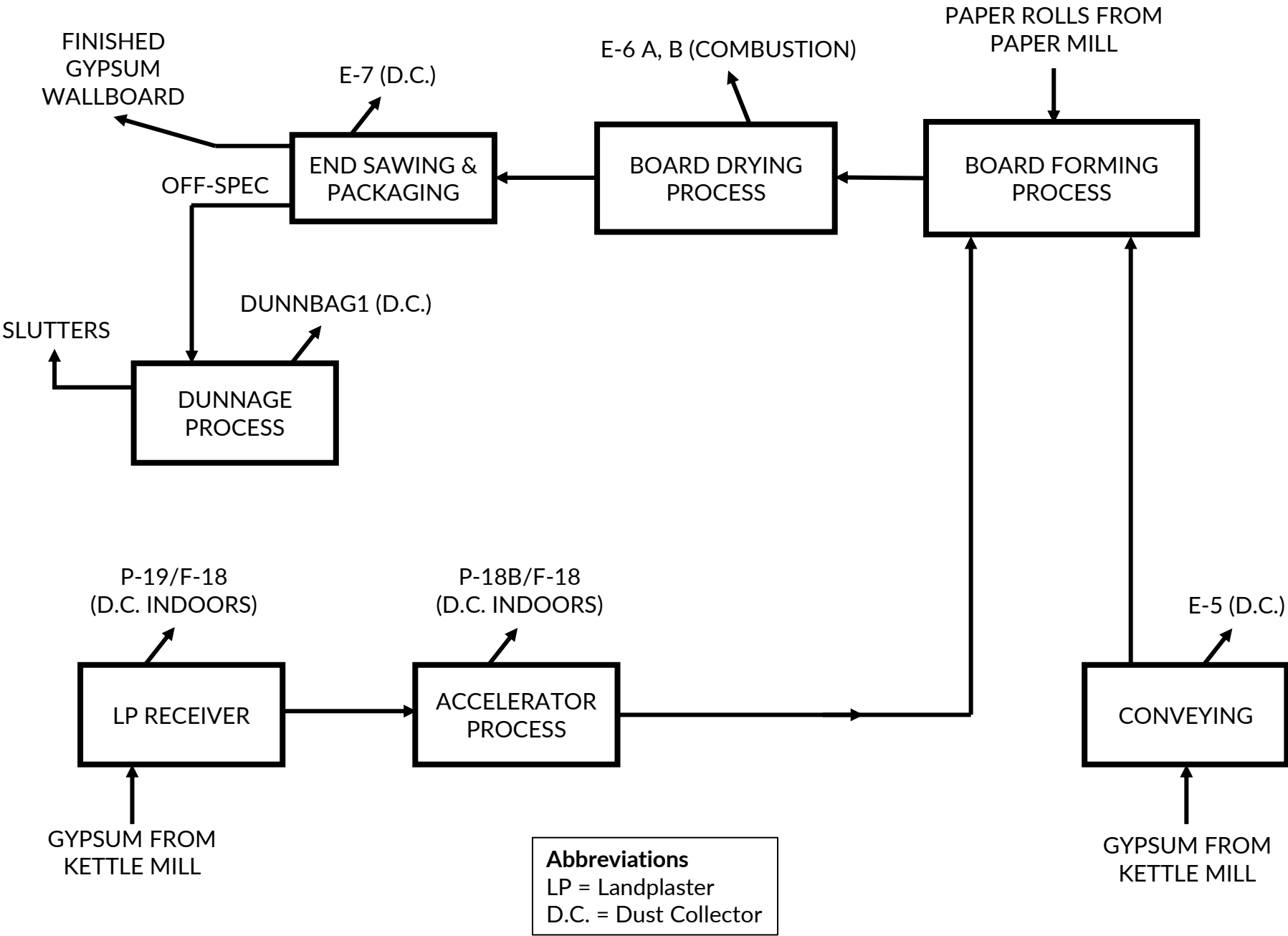
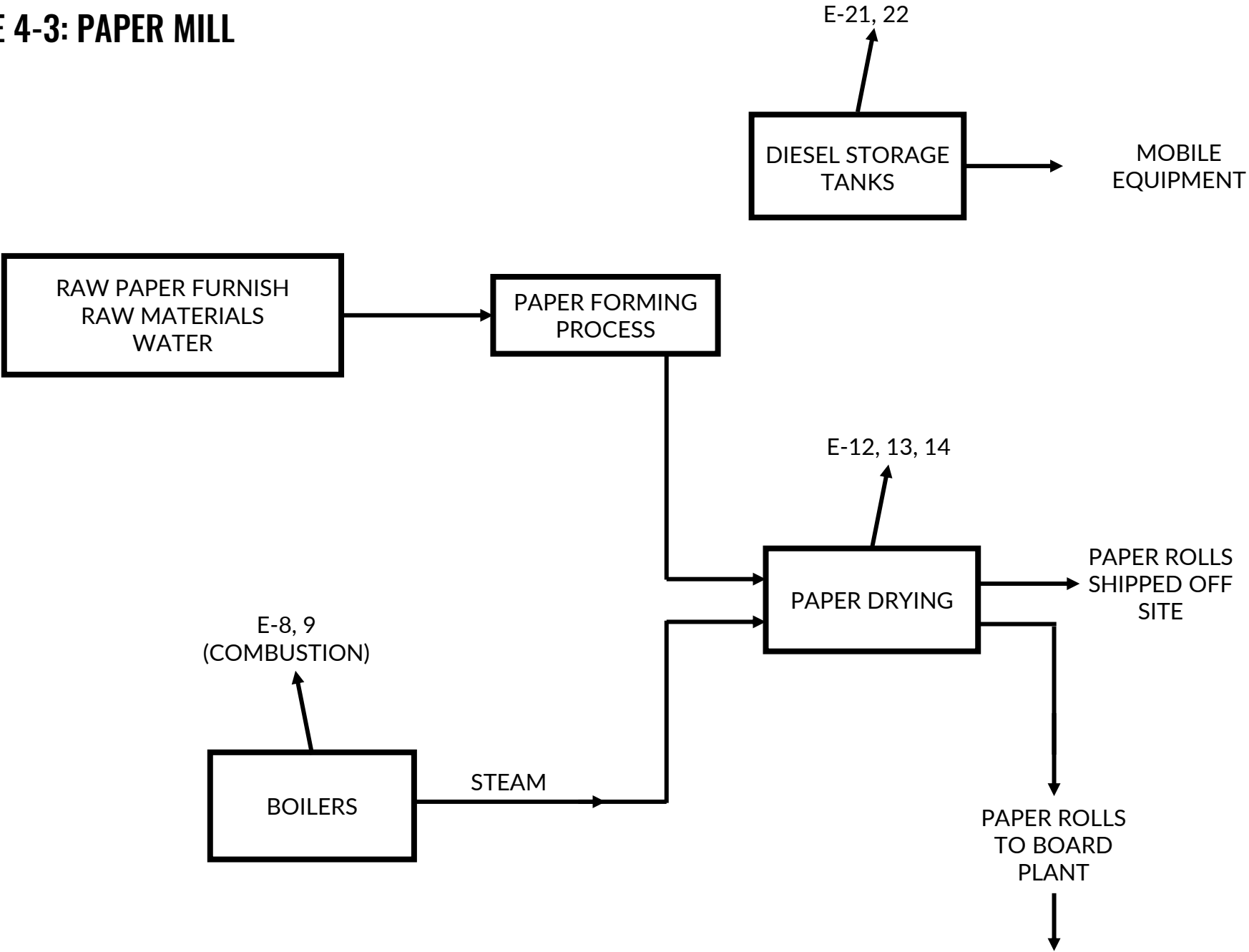
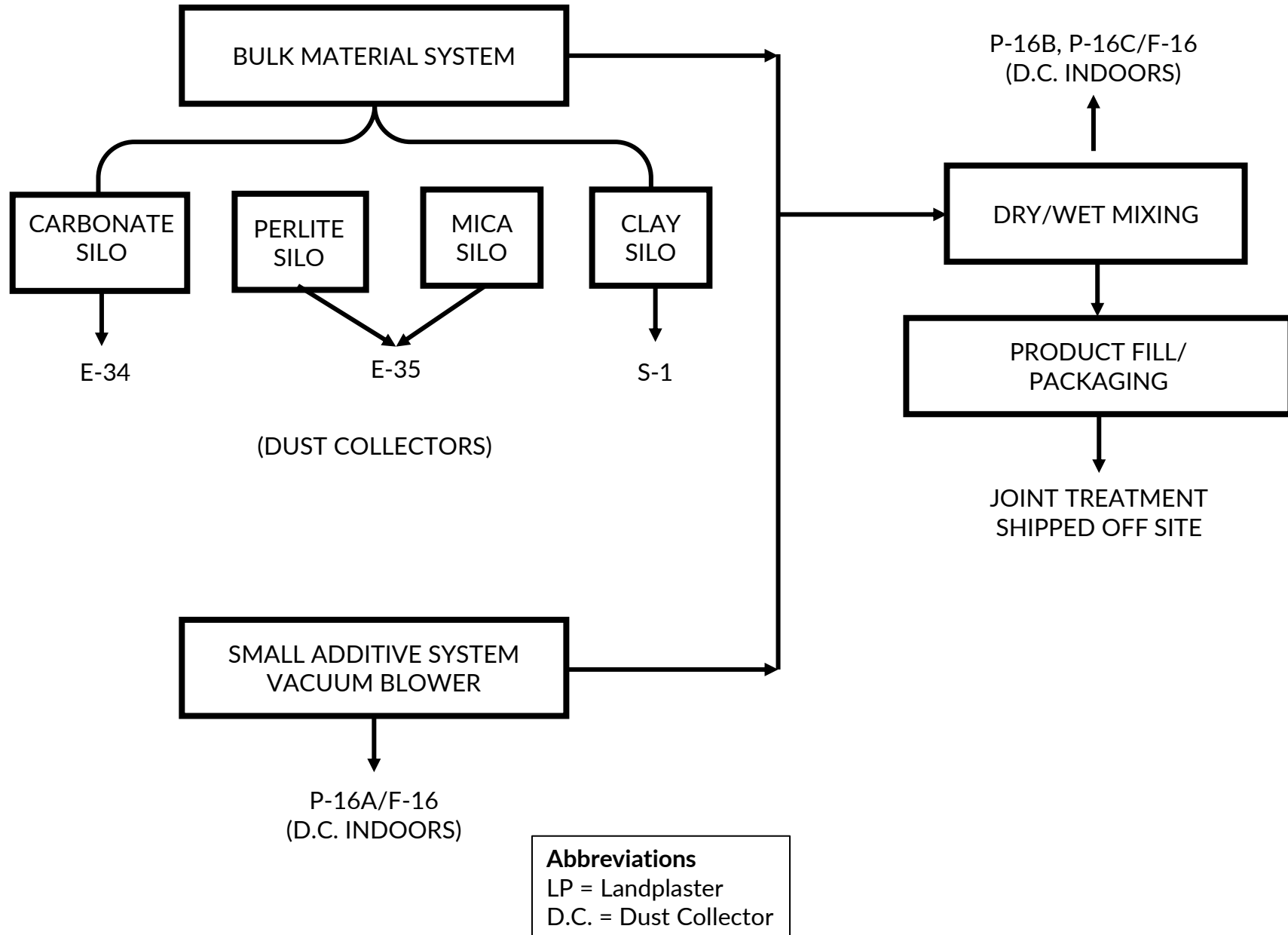


FIGURE 4-3: PAPER MILL



Abbreviations
LP = Landplaster
D.C. = Dust Collector

FIGURE 4-4: JOINT TREATMENT



5.0 – APPLICATION FORMS

5.1 – General and Administrative Forms

Appendix A of this application includes the general and administrative forms and supporting information required by the SOP renewal process 30 TAC §122.132. These forms and other data include the following:

- OP-CRO1 (Certification by Responsible Official)
- OP-1 (Site Information Summary)
- OP-2 (Application for Permit Revision/Renewal)
- OP-SUMR (Individual Unit Summary for Revisions)
- OP-ACPS (Application Compliance Plan and Schedule)
- OP-PBRSUP (Permits By Rule Supplemental Table)

5.2 – Applicability Determination Forms

The emission units at the plant are subject to site-wide applicable requirements as well as unit-specific applicable requirements and negative applicability determinations. A completed OP-REQ1 form detailing these requirements is included in Appendix B. A completed OP-REQ2 form detailing negative applicability determinations is included in Appendix C. For this renewal application, the OP-REQ2 form only includes updates to existing units.

5.3 – Unit Attribute Forms

Appendix D includes the following unit attribute forms:

- OP-UA6 (Boiler/Steam Generator/Steam Generating Unit Attributes)
- OP-UA15 (Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes)

For this renewal application, the OP-UA forms only include updates to existing units.

5.4 – Monitoring Requirements Forms

Compliance Assurance Monitoring (CAM) applies to certain dust collectors for opacity due to 30 TAC Chapter 111, Visible Emissions and particulate matter emissions due to 30 TAC Chapter 111, Emission Limits on Nonagricultural Processes. The OP-MON forms to incorporate the proposed CAM requirements are included in Appendix E.

APPENDIX A – GENERAL AND ADMINISTRATIVE FORMS

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

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

I. Identifying Information
RN: 100212281
CN: 600124218
Account No.: HG-0762-F
Permit No.: O3129
Project No.: TBA
Area Name: Galena Park Plant
Company Name: United States Gypsum Company
II. Certification Type <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____

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

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

IV. Certification of Truth
This certification does not extend to information which is designated by TCEQ as information for reference only.
I, <u>Cynthia L. Sanchez</u> certify that I am the <u>RO</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div>
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>
Time Period: From _____ to _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div>
Specific Dates: <u>10/10/2024</u> _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div>
_____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div>
Signature: <u>e-Signed in STEERS</u> Signature Date: _____
Title: <u>Plant Manager</u> _____

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 1)
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air-Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I. Company Identifying Information
A. Company Name: United States Gypsum Company
B. Customer Reference Number (CN): CN600124218
C. Submittal Date (mm/dd/yyyy): 10/10/2024
II. Site Information
A. Site Name: Galena Park Plant
B. Regulated Entity Reference Number (RN): RN100212281
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> Yes <input type="checkbox"/> No
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> Yes <input type="checkbox"/> No
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input type="checkbox"/> Yes <input type="checkbox"/> No
E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> Yes <input type="checkbox"/> No
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Cynthia L Sanchez
RO Title: Plant Manager
Employer Name: United States Gypsum Company
Mailing Address: PO Box 525
City: Galena Park
State: TX
ZIP Code: 77547
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-308-5410
Fax No.: 713-308-5406
Email: CLSanchez@usg.com

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Jesse Torres
Technical Contact Title: Environmental Coordinator
Employer Name: United States Gypsum Company
Mailing Address: PO Box 525
City: Galena Park
State: TX
ZIP Code: 77547
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-308-5480
Fax No.: 713-308-5407
Email: JTorres@usg.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Carol Alvarado
B. State Representative: Ana Hernandez
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required: Spanish

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Galena Park Plant
B. Physical Address: 1201 Mayo Shell Rd
City: Galena Park
State: TX
ZIP Code: 77547
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 5)
Texas Commission on Environmental Quality**

X. Application Area Information (<i>continued</i>)
G. Latitude (nearest second): 29° 43' 26" N
H. Longitude (nearest second): 95° 14' 30" W
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Indicate the estimated number of emission units in the application area: 25
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
L. Affected Source Plant Code (or ORIS/Facility Code):
XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A. Name of a public place to view application and draft permit: TCEQ Region 12 Office
B. Physical Address: 5425 Polk Street, Suite H
City: Houston
ZIP Code: 77023
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Jesse Torres
Contact Mailing Address: PO Box 525
City: Galena Park
State: TX
ZIP Code: 77547
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 713-308-5480

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to TCEQ or the Office of Attorney General on behalf of TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 7)
Texas Commission on Environmental Quality**

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIV. Alternate Designated Representative (ADR) Identifying Information

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date: 10/10/2024	
Permit No.: O3129	
Regulated Entity No.: RN100212281	
Company Name: United States Gypsum Company	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

☒ VOC ☒ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☐ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

Date: 10/10/2024
Permit No.: O3129
Regulated Entity No.: RN100212281
Company Name: United States Gypsum Company

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

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	GRPBOIL1	OP-UA6	24990	An updated Form OP-UA6 (Tables 5a through 5c) is being submitted to correct unit attributes for the boilers regarding applicable 30 TAC Chapter 117, Subchapter B requirements.
			GRPBOIL2			
2	MS-C	NO	E-23	OP-SUMR	24990	Form OP-SUMR is being submitted to remove the listed unit from the permit since it has been permanently removed from the site.
3	SIG-E	NO	GRPDYER1	OP-REQ2	24990	The dryers have negative applicability to 30 TAC Chapter 117, Subchapter B and 40 CFR 63, Subparts DDDDD and JJJJJ. An OP-REQ2 form is being submitted with this renewal application to add a permit shield for these units.
			GRPDYER2			
			GRPDYER3			

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
4	SIG-E	NO	GRPBOIL1	OP-REQ2	24990	The boilers have negativity applicability to 40 CFR 63, Subparts DDDDD and JJJJJ. An OP-REQ2 form is being submitted with this renewal application to add a permit shield for these units.
			GRPBOIL2			
5	SIG-E	NO	GRPVOCVT1	OP-REQ2	24990	The paper mill vents have negative applicability to 40 CFR 63, Subpart S. An OP-REQ2 form is being submitted with this renewal application to add a permit shield for these units.
6	MS-A	YES	P-36	OP-PBRSUP	111791	Standard Exemption No. 111971 was issued on January 12, 1996, for the joint treatment facility. An OP-PBRSUP form is being submitted to add monitoring requirements for these units.
		NO	F-16			
7	SIG-E	YES	P-36	OP-REQ2	111791	The perlite silo has negative applicability to 40 CFR 60, Subpart OOO. An OP-REQ2 form is being submitted with this renewal application to add a permit shield for this unit.
8	MS-A	NO	GRPBOIL1	OP-UA6	24990	An OP-UA6 is being submitted to update applicable NSPS Dc requirements for the boiler. An OP-REQ2 is being submitted to remove the existing permit shield for NSPS Dc.
9	MS-A	NO	E-7	OP-SUMR	167781	Standard Permit Registration No. 167781 was issued on February 15, 2022, for the replacement of the dust collector associated with this unit. An OP-SUMR form is being submitted to list the additional NSR authorization for this unit.
10	MS-A	YES	S-1	OP-PBRSUP	169062	Permit by Rule Registration No. 169062 was issued on June 21, 2022, for a new clay silo. An OP-PBRSUP form is being submitted to add monitoring requirements for this unit.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
11	SIG-E	YES	S-1	OP-REQ2	169062	The clay silo has negative applicability to 40 CFR 60, Subpart OOO. An OP-REQ2 form is being submitted with this renewal application to add a permit shield for this unit.
12	MS-B	NO	DUNNBAG1	OP-UA15	24990	The dust collectors are subject to Compliance Assurance Monitoring (CAM) for opacity and particulate matter emissions due to 30 TAC Chapter 111, Visible Emissions and Emission Limits on Nonagricultural Processes, respectively. OP-MON forms are being submitted to add CAM for these units.
			E-4		24990	
			E-5		24990	
			E-7		24990, 167781	
			E-18		24990	
			GRPKTLDC		24990	

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Date: 10/10/2024	
Permit No.: O3129	
Regulated Entity No.: RN100212281	
Company Name: United States Gypsum Company	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

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

[Table 1](#)

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1, 4, 8	E-8	OP-UA6	PAPER MILL BOILER 1		24990	
	1, 4	E-9	OP-UA6	PAPER MILL BOILER 2		24990	
D	2	E-23	OP-SUMR	250 GALLON DIESEL TANK		24990	
	3	E-3	OP-REQ2	KETTLE FURNACE		24990	
	3	E-27	OP-REQ2	PST DRYER		24990	
	3	E-11A	OP-REQ2	FLASH DRYER		24990	
	3	E-6A	OP-REQ2	BOARD DRYER		24990	
	3	E-6B	OP-REQ2	BOARD DRYER		24990	
	5	E-12	OP-REQ2	PAPER DRYING #1 VENT		24990	
	5	E-13	OP-REQ2	PAPER DRYING #2 VENT		24990	
	5	E-14	OP-REQ2	PAPER DRYING #3 VENT		24990	

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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

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

Table 1

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	6, 7	P-36	OP-REQ2	PERLITE SILO		106/10/04/1995 [111791]	
	6	F-16	OP-PBRSUP	READY MIX PLANT BUILDING VENT		24990, 106/10/04/1995 [111791]	
	9, 12	E-7	OP-UA15	END BOARD SAW WITH FABRIC FILTER	Y	24990, 167781	
A	10, 11	S-1	OP-REQ2	CLAY SILO		106.262/11/03/2003 [169062]	
	12	DUNNBAG1	OP-UA15	DUNNAGE MACHINE	Y	24990	
	12	E2-1	OP-UA15	KETTLE #1 DUST COLLECTOR	Y	24990	
	12	E2-2	OP-UA15	KETTLE #2 DUST COLLECTOR	Y	24990	
	12	E2-3	OP-UA15	KETTLE #3 DUST COLLECTOR	Y	24990	

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

Table 1

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	12	E-4	OP-UA15	SCREENING AND CRUSHING	Y	24990	
	12	E-5	OP-UA15	SCREENING AND CRUSHING	Y	24990	
	12	E-18	OP-UA15	REGRIND BAGHOUSE	Y	24990	

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

[Table 2](#)

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
1, 4, 8	E-8	OP-UA6		GRPBOIL1
1, 4	E-9	OP-UA6		GRPBOIL2
2	E-23	OP-SUMR	D	GRPTANK1
3	E-3	OP-REQ2		GRPDYER1
3	E-27	OP-REQ2		GRPDYER1
3	E-11A	OP-REQ2		GRPDYER2
3	E-6A	OP-REQ2		GRPDYER3
3	E-6B	OP-REQ2		GRPDYER3
5	E-12	OP-REQ2		GRPVOCVT1
5	E-13	OP-REQ2		GRPVOCVT1
5	E-14	OP-REQ2		GRPVOCVT1

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

Table 2

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
12	E2-1	OP-UA15	A	GRPCTLDC
12	E2-2	OP-UA15	A	GRPCTLDC
12	E2-3	OP-UA15	A	GRPCTLDC

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 10/10/2024	Regulated Entity No.: RN100212281	Permit No.: O3129
Company Name: United States Gypsum Company		Area Name: Galena Park Plant

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	0
<p>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</p> <p>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</p>	

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
10/10/2024	O3129	RN100212281

Unit ID No.	Registration No.	PBR No.	Registration Date
P-36, F-16	111791	SE 106	01/12/1996
S-1	169062	106.262	06/21/2022

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
10/10/2024	O3129	RN100212281

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
P-36, F-16	SE 106	111791	Maintain records of material throughput and hours of operation.
S-1	106.262	169062	Maintain records of clay throughput and hours of operation.

APPENDIX B – AREA-WIDE APPLICABLE REQUIREMENTS FORM

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
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Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆ a.	The application area is located within the City of El Paso. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ d.	The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆ a.	The application area is subject to 30 TAC § 111.143. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ b.	The application area is subject to 30 TAC § 111.145. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ c.	The application area is subject to 30 TAC § 111.147. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ d.	The application area is subject to 30 TAC § 111.149. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆ 1.	The application area includes a nonagricultural process subject to 30 TAC § 111.151. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3.	All vents from nonagricultural process in the application area are subject to additional monitoring requirements. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 3		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
C. Emissions Limits on Nonagricultural Processes (continued)		
4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes		
1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning		
◆ 1.	Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
A. Temporary Fuel Shortage Plan Requirements	
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds	
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 5	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs	
◆ 1. The application area includes VOC loading operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 6		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
D. Loading and Unloading of VOCs (continued)		
◆	3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 7		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 8		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 9	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
H. Control Of Reid Vapor Pressure (RVP) of Gasoline	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries	
1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Surface Coating Processes (Complete this section for GOP applications only.)	
◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 10	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
K. Cutback Asphalt	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 11		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)	
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas	
◆ 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Adipic Acid Manufacturing	
1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas	
1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines	
◆ 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants		
1.	The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)	
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006		
◆	1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
	1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆	1. The application area includes equipment in benzene service.
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
<i>Applicability</i>	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Roadway Construction</i>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Manufacturing Commercial Asbestos</i>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Spray Application</i>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Fabricating Commercial Asbestos (continued)</i>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Non-sprayed Asbestos Insulation</i>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Conversion</i>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Individual Drain Systems (continued)	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
<p>2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii).</p> <p><i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.</p> <p><i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater		
Applicability		
1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Vapor Collection and Closed Vent Systems		
6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7.	Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Transfer Racks</i>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Process Wastewater Streams</i>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Process Wastewater Streams (continued)</i>	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Drains</i>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	<p>5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 61	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
<i>Drains (continued)</i>	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 75	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
GG. Recently Promulgated 40 CFR Part 63 Subparts	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)	
F. Subpart F - Recycling and Emissions Reduction	
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).
	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program	
1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program	
1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 81		
XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 85		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	10/10/2024
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 86		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	10/10/2024
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 24990	Issuance Date: 10/15/2015	Authorization No.:	Issuance Date:
Authorization No.: 167781	Issuance Date: 02/15/2022	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

Date:	10/10/2024
Permit No.:	O3129
RN No.:	100212281

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106	Version No./Date: 10/04/1995
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

APPENDIX C – NEGATIVE APPLICABILITY DETERMINATION FORM

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	3	GRPDYER1	OP-REQ2	30 TAC Chapter 117, ICI	§ 117.303(a)(5)	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
A	3	GRPDYER1	OP-REQ2	MACT DDDDD	§ 63.7485	Site is an area source of HAP.
A	3	GRPDYER1	OP-REQ2	MACT JJJJJ	§ 63.11193	Units do not meet the definition of boiler in § 63.11237.
A	3	GRPDYER2	OP-REQ2	30 TAC Chapter 117, ICI	§ 117.303(a)(5)	This facility is a dryer, kiln, or oven other than a magnesium chloride fluidized bed dryer, lime kiln, or lightweight aggregate kiln.
A	3	GRPDYER2	OP-REQ2	MACT DDDDD	§ 63.7485	Site is an area source of HAP.
A	3	GRPDYER2	OP-REQ2	MACT JJJJJ	§ 63.11193	Unit does not meet the definition of boiler in § 63.11237.
A	3	GRPDYER3	OP-REQ2	30 TAC Chapter 117, ICI	§ 117.303(a)(5)	These facilities are dryers, kilns, or ovens other than magnesium chloride fluidized bed dryers, lime kilns, or lightweight aggregate kilns.
A	3	GRPDYER3	OP-REQ2	MACT DDDDD	§ 63.7485	Site is an area source of HAP.

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	3	GRPDYER3	OP-REQ2	MACT JJJJJ	§ 63.11193	Units do not meet the definition of boiler in § 63.11237.
A	4	GRPBOIL1	OP-UA6	MACT DDDDD	§ 63.7485	Site is an area source of HAP.
A	4	GRPBOIL1	OP-UA6	MACT JJJJJ	§ 63.11195(e)	Unit is a gas-fired boiler as defined in § 63.11237.
A	4	GRPBOIL2	OP-UA6	MACT DDDDD	§ 63.7485	Site is an area source of HAP.
A	4	GRPBOIL2	OP-UA6	MACT JJJJJ	§ 63.11195(e)	Unit is a gas-fired boiler as defined in § 63.11237.
A	5	GRPVOCVT1	OP-REQ2	MACT S	§ 63.440(a)	Site is an area source of HAP.
A	7	P-36	OP-REQ2	NSPS OOO	§ 60.670(a)(2)	This storage bin is part of a plant without crushers or grinding mills.
D	8	GRPBOIL1	OP-UA6	NSPS Dc	§ 60.40c(a)	This boiler was constructed before 06/09/1989.
A	11	S-1	OP-REQ2	NSPS OOO	§ 60.670(a)(2)	This storage bin is part of a plant without crushers or grinding mills.

APPENDIX D – UNIT ATTRIBUTE FORMS

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 11)
Federal Operating Permit Program
Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit ID No.	SOP Index No.	Construction/Modification Date	Maximum Design Heat Input Capacity	Applicability	Heat Input Capacity	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	ACF Option SO ₂	ACF Option PM	30% Coal Duct Burner
GRPBOIL1	60DC-BOIL1A	89-05	10-100	NONE	30-75	NG			OTHR	OTHR	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 12)
Federal Operating Permit Program
Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Dc: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit ID No.	SOP Index No.	Monitoring Type PM	Monitoring Type SO ₂ Inlet	Monitoring Type SO ₂ Outlet	Technology Type	43CE-Option	47C-Option
GRPBOIL1	60DC-BOIL1A	NONE	NONE	NONE	NONE		

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 13)
Federal Operating Permit Program
Table 5a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and
Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit ID No.	SOP Index No.	Unit Type	MRC	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type	Fuel Type	Fuel Type	Annual Heat Input
GRPBOIL1	R7-BOIL1A	ICIB	40-100			NG			28-
GRPBOIL2	R7-BOIL2A	ICIB	40-100			NG			28+

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 14)
Federal Operating Permit Program
Table 5b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and
Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit ID No.	SOP Index No.	NO _x Emission Limitation	Opt-In Unit	23C-Option	Title 30 TAC Chapter 116 Permit Limit	EGF System Cap Unit	NO _x Emission Limit Average	NO _x Reduction	Common Stack Combined
GRPBOIL1	R7-BOIL1A	310D				NO	OTHER	OTHER	
GRPBOIL2	R7-BOIL2A	310D				NO	OTHER	FRCFG	

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 15)
Federal Operating Permit Program
Table 5c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subpart B: Combustion Control at Major Industrial, Commercial and
Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Unit ID No.	SOP Index No.	Fuel Type Heat Input	NO _x Monitoring System	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Emission Monitoring
GRPBOIL1	R7-BOIL1A		MERT	X40A	310C	OTHER		
GRPBOIL2	R7-BOIL2A		MERT	X40A	310C	OTHER		

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)

Subchapter A: Visible Emissions

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
DUNNBAG1	R111-DUNNBAG1	NO		OTHER	NONE	72+ ^[1]	100-
E-4	R111-E4	NO		OTHER	NOTE	72+ ^[1]	100-
E-5	R111-E5	NO		OTHER	NONE	72+ ^[1]	100-
E-7	R111-E7	NO		OTHER	NONE	72+	100-
E-18	R111-E18	NO		OTHER	NONE	72+ ^[1]	100-
GRPKTLDC	R111-KTLDC	NO		OTHER	NONE	72+ ^[1]	100-

Note:

[1] The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 40)
Federal Operating Permit Program
Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A, Division 5: Emission Limits on Nonagricultural Processes
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
10/10/2024	O3129	RN100212281

Emission Point ID No.	SOP Index No.	Effective Stack Height
DUNNBAG1	R151-DUNNBAG1	NO
E-4	R151-E4	NO
E-5	R151-E5	NO
E-7	R151-E7	NO
E-18	R151-E18	NO
GRPKTLDC	R151-KTLDC	NO

APPENDIX E – MONITORING REQUIREMENTS FORMS

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: DUNNBAG1		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-DUNNBAG1		
Pollutant: PM (OPACITY)		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 0.5 inches of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: DUNNBAG1		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: DUNNBAG1		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Nonagricultural Processes		
SOP/GOP Index No.: R151-DUNNBAG1		
Pollutant: PM		
Main Standard: §111.151(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 0.5 inches of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: DUNNBAG1		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-4		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-E4		
Pollutant: PM (OPACITY)		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 0.5 inches of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: BH-2		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-4		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Nonagricultural Processes		
SOP/GOP Index No.: R151-E4		
Pollutant: PM		
Main Standard: §111.151(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 0.5 inches of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: BH-2		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-5		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-E5		
Pollutant: PM (OPACITY)		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 1 inch of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: BH-3		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-5		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Nonagricultural Processes		
SOP/GOP Index No.: R151-E5		
Pollutant: PM		
Main Standard: §111.151(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 1 inch of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: BH-3		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-7		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-E7		
Pollutant: PM (OPACITY)		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 1 inch of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: BH-4		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-7		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Nonagricultural Processes		
SOP/GOP Index No.: R151-E7		
Pollutant: PM		
Main Standard: §111.151(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 1 inch of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: BH-4		
Control Device Type: FABFLT		

Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-18		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-E18		
Pollutant: PM (OPACITY)		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 0.5 inches of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: E-18		
Control Device Type: FABFLT		

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Monitoring Requirements
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Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: E-18		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Nonagricultural Processes		
SOP/GOP Index No.: R151-E18		
Pollutant: PM		
Main Standard: §111.151(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 0.5 inches of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: E-18		
Control Device Type: FABFLT		

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Federal Operating Permit Program
Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: GRPKTLDC		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-KTLDC		
Pollutant: PM (OPACITY)		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 1 inch of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: See Table 1b.		
Control Device Type: See Table 1b.		

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Monitoring Requirements
Form OP-MON (Page 2)
Federal Operating Permit Program**

Table 1b: CAM/PM Control Device Additions

Emission Unit ID No.	Control Device ID No.	Control Device Type
E2-1	K1BAG	FABFLT
E2-2	K2BAG	FABFLT
E2-3	K3BAG	FABFLT

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Table 1a: CAM/PM Additions

I. Identifying Information		
Account No.: HG-0762-F	RN No.: 100212281	CN: 600124218
Permit No.: O3129	Project No.: TBA	
Area Name: Galena Park Plant		
Company Name: United States Gypsum Company		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 12		
Unit/EPN/Group/Process ID No.: GRPKTLDC		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Nonagricultural Processes		
SOP/GOP Index No.: R151-KTLDC		
Pollutant: PM		
Main Standard: §111.151(a)		
IV. Title V Monitoring Information		
Monitoring Type: CAM		
Unit Size: SM		
CAM/PM Option No.: CAM-FF-002		
Deviation Limit: It shall be considered a deviation if the pressure drop in the dust collector is below 1 inch of water column or above 6 inches of water column.		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: See Table 1b.		
Control Device Type: See Table 1b.		

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Table 1b: CAM/PM Control Device Additions

Emission Unit ID No.	Control Device ID No.	Control Device Type
E2-1	K1BAG	FABFLT
E2-2	K2BAG	FABFLT
E2-3	K3BAG	FABFLT