

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

AIR PERMITS DIVISION
MAR 19 2023
RECEIVED

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection agency for changes in the DR and ADR). After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or administrative information changes for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to TCEQ.

I. Identifying Information
Account No.: JH-002500
Regulated Entity Number: RN 100213719
Customer Reference Number: CN 601719065
Permit Number: O-1677
Area Name: Cleburne Plant
Company: Johns Manville
II. Change Type
Action Type: <input type="checkbox"/> New Appointment <input checked="" type="checkbox"/> Administrative Information Change
Contact Type (only one response accepted per form): <input checked="" type="checkbox"/> Responsible Official <input type="checkbox"/> Designated Representative (Acid Rain Program and/or CSAPR sources only) <input type="checkbox"/> Alternate Designated Representative (Acid Rain Program and/or CSAPR sources only)

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

III. Responsible Official/Designated Representative/Alternate Designated Representative Information
Conventional Title:
<input checked="" type="checkbox"/> Mr.
<input type="checkbox"/> Mrs.
<input type="checkbox"/> Ms.
<input type="checkbox"/> Dr.
Name (Driver's License/STEERS): Joseph Carter Young
Title: Plant Manager
Appointment Effective Date: 03/04/25
Telephone Number: 817-556-6635
Fax Number.: 817-556-6650
Company Name: Johns Manville
Mailing Address: 200 West Industrial Boulevard
City: Cleburne
State: Texas
ZIP Code: 76033
Email Address: joey.young@jm.com

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

IV. Certification of Truth, Accuracy, and Completeness
This certification does not extend to information, which is designated by TCEQ as information for reference only.
I, <u>Joseph Young</u> , certify that based on information and belief formed Reasonable inquiry, the statement and information stated above are true, accurate, and complete.
Signature: <u>Joseph Young</u>
Signature Date: <u>3/4/2025</u>

Texas Commission on Environmental Quality

Title V Existing

1677

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CLEBURNE PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	97.392777
Primary SIC Code	3296
Secondary SIC Code	
Primary NAICS Code	327993
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100213719
What is the name of the Regulated Entity (RE)?	CLEBURNE PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	-97.396666
Facility NAICS Code	
What is the primary business of this entity?	FLEET REFUELING

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601719065
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Johns Manville
Texas SOS Filing Number	653306
Federal Tax ID	130889690
State Franchise Tax ID	11308896908
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	JOHNS MANVILLE
Prefix	MR
First	MATTHEW
Middle	
Last	LEFELD
Suffix	
Credentials	
Title	INTERIM PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
ZIP	76033
Phone (###-###-####)	8175566635
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	matt.lefeld@jm.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JOHN LYNN(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	JOHN
Middle	
Last	LYNN
Suffix	
Credentials	
Title	ENVIRONMENTAL MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD

Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
Zip	76033
Phone (###-###-####)	8175566659
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8175566650
E-mail	JT.Lynn@jm.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	CHRIS SHARP(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	CHRIS
Middle	
Last	SHARP
Suffix	
Credentials	
Title	CORPORATE ENVIRONMENTAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	717 17TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	DENVER
State	CO
ZIP	80202
Phone (###-###-####)	8652536465
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Chris.Sharp2@jm.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 23 Min 13 Sec
3) Permit Longitude Coordinate:	97 Deg 23 Min 34 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.	1677-37210
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

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	2025-0604 TCEQ Response O1677.pdf	
Hash	D1AA86CAC1ED2E69F2AD19AA78C1456B91554DD42FE93AF479FA277042706C80	
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 Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am John Lynn, the owner of the STEERS account ER087436.
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 1677.
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: John Lynn OWNER OPERATOR

Account Number:	ER087436
Signature IP Address:	165.225.37.74
Signature Date:	2025-06-04
Signature Hash:	E6EC19B8BE04058C3780DA3889D9EBF8A8E78B6E3D0154F58B9B733A91639DE3
Form Hash Code at time of Signature:	470950B2C9E07A4EB84FA205921B36DB69D719DC64F90DD0C44B6F9AB0E1B17B

Submission

Reference Number:	The application reference number is 791121
Submitted by:	The application was submitted by ER087436/John Lynn
Submitted Timestamp:	The application was submitted on 2025-06-04 at 10:42:03 CDT
Submitted From:	The application was submitted from IP address 165.225.37.74
Confirmation Number:	The confirmation number is 656925
Steers Version:	The STEERS version is 6.91
Permit Number:	The permit number is 1677

Additional Information

Application Creator: This account was created by Heriberto Quintanilla



9737 Great Hills Trail, Suite 340, Austin, TX 78759 / P 713-955-1230 / F (713) 955-1201 / trinityconsultants.com

June 4, 2025

Texas Commission on Environmental Quality
Operating Permits Section, MC 161
12100 Park 35 Circle
Building C, Third Floor
Austin, TX 78753

*RE: Response to TCEQ request 05/09/2025
Title V Permit O1677
Johns Manville
Cleburne Plant
CN601719065/RN100213719*

Dear Jasmine Yuan:

On behalf of Johns Manville, Trinity Consultants is hereby submitting this update to the renewal application for Site Operating Permit No. O1677 for the Cleburne Plant in Johnson County, TX. The forms included are the following: OP-PBRUP and OP-SUMR.

If you have any questions or require additional information, please feel free to contact me at 737-284-0687 or heriberto.quintanilla@trinityconsultants.com.

Sincerely,

TRINITY CONSULTANTS

Heriberto Quintanilla, P.E.
Staff Consultant

Attachments

cc: Mr. J.T. Lynn, Environmental Manager, Johns Manville, Cleburne, TX (email)
Ms. Kimberli Fowler, Air Section Manager, TCEQ Region 4, Fort Worth, TX
EPA, Region 6. (R6AirPermitsTX@epa.gov)

HEADQUARTERS

12700 Park Central Dr, Ste 2100, Dallas, TX 75251 / P 800.229.6655 / P 972.661.8100 / F 972.385.9203

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

Date	Permit Number	Regulated Entity Number	Area Name
06/04/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	Registration No.	PBR No.	Registration Date
35, 36, 37	25373	118	6/22/1994
DRYTUNFUG	42504	106.183, 106.262	11/18/1999
Klug Silos 1-8	51910	106.144	8/27/2002
Temporary Engines 1 and 2	55281	106.512	6/18/2003
PRO-LINE91	91903	106.418, 106.433	8/6/2015
1/2, 3 ,4/5, 6, 7, 18, 19, and 20	107085	106.261, 106.262	10/13/2016
Point 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, 36, 37	160971	106.261, 106.262	7/30/2020
91COKDC	161154	106.261, 106.262	5/27/2020

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

Date	Permit Number	Regulated Entity Number	Area Name
06/04/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date
91-CT1, 91-CT2, E-CT1, E-CT2, E-CT3, P&M-CT1, P&M-CT2	106.371	9/4/2000
AHTANK, CATLYSTNK, DIESEL1, DIESEL2, DIESEL3, SULHLDTNK, TANK1, TANK2, TANK3, TANK4, TANK5, TANK6, TANK7, TANK8, TANK9, TANK10, TANK11, TANK12, TANK13, TANK18, TANK19, TANK20, TANK21, TANK22, TANK23, TANK28, TANK29, TANK30, TANK31, TANK32, TANK33, TANK39, TANK42, TANK43, TANK45, TANK46, TANK47, TANK48, TANK49, TANK50, TANK51, TANK52, TANK53, TANK54, TANK55, TANK57, TANK58, TANK59, TANK60, TANK66, TANK67, TANK68, TANK69, TANK70, TANK71, UREAMIXTNK	106.472	9/4/2000
UNLEAD1	106.473	9/4/2000
TANK40, TANK41, TANK61, TANK62, TANK63, TANK64, TANK65,	106.476	9/4/2000
TK-DOIL	106.478	9/4/2000
WWT	106.532	9/4/2000
90OVEN, 92TRNPOT, FH-EAST, FH-WEST, HEAT1, MARBLELEHR, STEAMCLNR	106.183	9/4/2000
GEN1, GEN2	106.511	9/4/2000
TANK34, TANK35, TANK36, TANK37, TANK38	106.261, 106.262	11/1/2003
TK-LFC1, TK-LFC2	51	9/12/1989

Texas Commission on Environmental Quality
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

Date	Permit Number	Regulated Entity Number	Area Name
06/04/2025	01677	RN100213719	Cleburne Plant

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

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

Date	Permit Number	Regulated Entity Number	Area Name
06/04/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
35, 36, 37	118	25373	Monitor flow rates and perform annual efficiency tests for collectors.
DRYTUNFUG	106.183, 106.262	42504	Track heater hours of operating and use emission factor from AP-42 Tables 1.4-1, 1.4-2, 1.4-3 to track emissions.
Klug Silos 1-8	106.144	51910	Observe system and perform frequent filtering velocity tests.
Temporary Engines 1 and 2	106.512	55281	Track annual hours of operation.
PRO-LINE91	106.418, 106.433	91903	Gross ink and cleaning solution usage is recorded annually.
1/2,3,4/5,6,7,18,19, and 20	106.261, 106.262	107085	Annual hours are tracked and stack tests are performed.
Point 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, 36, 37	106.261, 106.262	160971	Annual and hourly throughputs are tracked.
91COKDC	106.261, 106.262	161154	Annual and hourly throughputs are tracked.
91-CT1, 91-CT2, E-CT1, E-CT2, E-CT3, P&M-CT1, P&M-CT2	106.371	9/4/2000	Cooling tower chemical usage and operating hours are recorded annually.

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

Date	Permit Number	Regulated Entity Number	Area Name
06/04/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
AHTANK, CATLYSTNK, DIESEL1, DIESEL2, DIESEL3, SULHLDTNK, TANK1, TANK2, TANK3, TANK4, TANK5, TANK6, TANK7, TANK8, TANK9, TANK10, TANK11, TANK12, TANK13, TANK18, TANK19, TANK20, TANK21, TANK22, TANK23, TANK28, TANK29, TANK30, TANK31, TANK32, TANK33, TANK39, TANK42, TANK43, TANK45, TANK46, TANK47, TANK48, TANK49, TANK50, TANK51, TANK52, TANK53, TANK54, TANK55, TANK57, TANK58, TANK59, TANK60, TANK66, TANK67, TANK68, TANK69, TANK70, TANK71, UREAMIXTNK	106.472	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
UNLEAD1	106.473	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
TANK40, TANK41, TANK61, TANK62, TANK63, TANK64, TANK65,	106.476	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.

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

Date	Permit Number	Regulated Entity Number	Area Name
06/04/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TK-DOIL	106.478	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
WWT	106.532	9/4/2000	Annual observation of equipment/activities to confirm negligible emissions.
90OVEN, 92TRNPOT, FH-EAST, FH-WEST, HEAT1, MARBLELEHR, STEAMCLNR	106.183	9/4/2000	Heater combustion gas usage in MMBtu/month is recorded.
GEN1, GEN2	106.511	9/4/2000	Engine runtime is recorded annually
TANK34, TANK35, TANK36, TANK37, TANK38	106.261, 106.262	11/1/2003	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
TK-LFC1, TK-LFC2	51	9/12/1989	Loading throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.

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.
06/04/2025	01677	RN100213719

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
		PRO-LINE91	OP-UA18, OP- UA24	LINE #91		946A, 106.416/09/04/2000 [91903], <u>106.418/09/04/2000</u> <u>[91903],</u> 106.433/09/04/2000 <u>[91903]</u>	PSDTX1025M1
		18	OP-UA15	LINE 91 COLLECTION WET SCRUBBER NO.3 STACK		946A, 106.261/11/01/2003 [107085, 160971], 106.262/11/01/2003 [107085, 160971]	PSDTX1025M1
		19	OP-UA15	LINE 91 COLLECTION WET SCRUBBER NO.4 STACK		946A, 106.261/11/01/2003 [107085, 160971], 106.262/11/01/2003 [107085, 160971]	PSDTX1025M1
		20	OP-UA15	LINE 91 OVEN WET SCRUBBER (W/RING BURNER) STACK		946A, 106.261/11/01/2003 [107085, 160971], 106.262/11/01/2003 [107085, 160971]	PSDTX1025M1
		DRYTUNFUG	OP-UA51	GYPSUM DRYING TUNNEL		946A, <u>106.183/09/04/2000</u> <u>[42504],</u> <u>106.262/11/01/2003</u> <u>[42504]</u>	PSDTX1025M1

Texas Commission on Environmental Quality

Title V Existing

1677

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CLEBURNE PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	97.392777
Primary SIC Code	3296
Secondary SIC Code	
Primary NAICS Code	327993
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100213719
What is the name of the Regulated Entity (RE)?	CLEBURNE PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	-97.396666
Facility NAICS Code	
What is the primary business of this entity?	FLEET REFUELING

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601719065
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Johns Manville
Texas SOS Filing Number	653306
Federal Tax ID	130889690
State Franchise Tax ID	11308896908
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	JOHNS MANVILLE
Prefix	MR
First	MATTHEW
Middle	
Last	LEFELD
Suffix	
Credentials	
Title	INTERIM PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
ZIP	76033
Phone (###-###-####)	8175566635
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	matt.lefeld@jm.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JOHN LYNN(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	JOHN
Middle	
Last	LYNN
Suffix	
Credentials	
Title	ENVIRONMENTAL MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD

Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
Zip	76033
Phone (###-###-####)	8175566659
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8175566650
E-mail	JT.Lynn@jm.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	CHRIS SHARP(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	CHRIS
Middle	
Last	SHARP
Suffix	
Credentials	
Title	CORPORATE ENVIRONMENTAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	717 17TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	DENVER
State	CO
ZIP	80202
Phone (###-###-####)	8652536465
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Chris.Sharp2@jm.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 23 Min 13 Sec
3) Permit Longitude Coordinate:	97 Deg 23 Min 34 Sec
4) Is this submittal a new application or an update to an existing application?	Update
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5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

Title V Attachments Existing

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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 new PCA page 2025-0409.pdf

Hash

76C79917B55E178919929583D0A99402BC665E101CA98992B48FA5745953EEA4

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)

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Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

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

Certification

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

1. I am John Lynn, the owner of the STEERS account ER087436.
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 1677.
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: John Lynn OWNER OPERATOR

Account Number:	ER087436
Signature IP Address:	165.225.36.163
Signature Date:	2025-04-15
Signature Hash:	4268D9CBA4878D6D6C0046A8BBEDF5F30CC7E18221419A4ECD7399CFF6525DBA
Form Hash Code at time of Signature:	C8EEB065053C0B787F5244C0A164363BA137599FAFE2C8CE83CD2BA8628DB3CB

Submission

Reference Number:	The application reference number is 777077
Submitted by:	The application was submitted by ER087436/John Lynn
Submitted Timestamp:	The application was submitted on 2025-04-15 at 11:39:53 CDT
Submitted From:	The application was submitted from IP address 165.225.36.163
Confirmation Number:	The confirmation number is 646334
Steers Version:	The STEERS version is 6.89
Permit Number:	The permit number is 1677

Additional Information

Application Creator: This account was created by Heriberto Quintanilla

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
04/09/2025	O1677	RN100213719

For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX1025M1	10/10/2024				

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

Permit No.	Issuance Date	Pollutant(s):	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

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

Date	Permit No.	Regulated Entity No.
04/09/2025	O1677	RN100213719

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
946A	10/10/2024				
130233	02/23/2015				
141813	10/08/2024				

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
51	09/12/1989	106.433	09/04/2000	106.532	09/04/2000
118	05/04/1994	106.472	09/04/2000		
106.144	09/04/2000	106.473	09/04/2000		
106.183	09/04/2000	106.476	09/04/2000		
106.261	11/01/2003	106.478	09/04/2000		
106.262	11/01/2003	106.511	09/04/2000		
106.371	09/04/2000	106.512	09/04/2000		
106.418	09/04/2000	106.532	09/04/2000		

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

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

Texas Commission on Environmental Quality

Title V Existing

1677

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CLEBURNE PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	97.392777
Primary SIC Code	3296
Secondary SIC Code	
Primary NAICS Code	327993
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100213719
What is the name of the Regulated Entity (RE)?	CLEBURNE PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	-97.396666
Facility NAICS Code	
What is the primary business of this entity?	FLEET REFUELING

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601719065
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Johns Manville
Texas SOS Filing Number	653306
Federal Tax ID	130889690
State Franchise Tax ID	11308896908
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	JOHNS MANVILLE
Prefix	MR
First	MATTHEW
Middle	
Last	LEFELD
Suffix	
Credentials	
Title	INTERIM PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
ZIP	76033
Phone (###-###-####)	8175566635
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	matt.lefeld@jm.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JOHN LYNN(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	JOHN
Middle	
Last	LYNN
Suffix	
Credentials	
Title	ENVIRONMENTAL MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD

Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
Zip	76033
Phone (###-###-####)	8175566659
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8175566650
E-mail	JT.Lynn@jm.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	CHRIS SHARP(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	CHRIS
Middle	
Last	SHARP
Suffix	
Credentials	
Title	CORPORATE ENVIRONMENTAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	717 17TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	DENVER
State	CO
ZIP	80202
Phone (###-###-####)	8652536465
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Chris.Sharp2@jm.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 23 Min 13 Sec
3) Permit Longitude Coordinate:	97 Deg 23 Min 34 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.	1677-37210
5) Who will electronically sign this Title V application?	Duly Authorized Representative
6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule	No

requirements?

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 update 0218.pdf
Hash	6A2438DA77706C78CD2D7F6DF9E399842961E25D0EB07E13AA32596928E5C45D
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	2025-0129 TCEQ Response O1677.pdf
Hash	02F2D8A1090270E39900E4138D871FDC5B9963DAB091CFA0AF6BEA8F3384315B
MIME-Type	application/pdf

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

[File Properties]

File Name	O1677 Major NSR Summary Table.docx
Hash	EBEB1DBA2EF093AFFDA8B89C1DB837985F017C7DF02BAD7EE75EE3B522258A07

Certification

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

1. I am John Lynn, the owner of the STEERS account ER087436.
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 1677.
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: John Lynn OWNER OPERATOR

Account Number:	ER087436
Signature IP Address:	155.190.8.6
Signature Date:	2025-02-19
Signature Hash:	4268D9CBA4878D6D6C0046A8BBEDF5F30CC7E18221419A4ECD7399CFF6525DBA
Form Hash Code at time of Signature:	E0E6AB8BE776654B21BD436270A71408E901F7181C5A28E0A7EC930602A89DA5

Submission

Reference Number:	The application reference number is 759987
Submitted by:	The application was submitted by ER087436/John Lynn
Submitted Timestamp:	The application was submitted on 2025-02-19 at 09:38:31 CST
Submitted From:	The application was submitted from IP address 155.190.8.6
Confirmation Number:	The confirmation number is 630853
Steers Version:	The STEERS version is 6.87
Permit Number:	The permit number is 1677

Additional Information

Application Creator: This account was created by Heriberto Quintanilla

From: Eddie Quintanilla <Heriberto.Quintanilla@trinityconsultants.com>
Sent: Tuesday, February 18, 2025 11:49 AM
To: Jasmine Yuan
Cc: Connor McNally; Lynn, JT; Sharp, Chris (RMT)
Subject: RE: Technical Review - O1677 Johns Manville (Minor, 37210)
Attachments: O1677 Major NSR Summary Table.docx; OP-SUMR update 0218.pdf

Good morning Jasmine,

See my answers below in red. On behalf of Johns Manville, we approve of the WDP.

Let us know if you need anything else! The application updates will be submitted through STEERS shortly.

Heriberto "Eddie" Quintanilla, P.E.
Staff Consultant

Trinity Consultants
9737 Great Hills Trail, Ste. 340, Austin, TX 78759
Office: 737-284-0687
heriberto.quintanilla@trinityconsultants.com



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From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Thursday, February 13, 2025 2:42 PM
To: Eddie Quintanilla <Heriberto.Quintanilla@trinityconsultants.com>
Cc: Connor McNally <Connor.McNally@trinityconsultants.com>; Lynn, JT <JT.Lynn@jm.com>; Sharp, Chris (RMT) <Chris.Sharp2@jm.com>
Subject: RE: Technical Review - O1677 Johns Manville (Minor, 37210)

Hello Eddie,

I have reviewed your responses. Here are additional issues.

1, You have deleted 106.454 on OP-REQ1 Page 88. But the unit DEGREASER is under 106.454. What you want to do with this PCA? Please submit updated form as needed. **Please remove the unit DEGREASER, see attached the required OP-SUMR**

2, Please fill the major nsr summary table in attached WDP. Yours is in PDF and I could not copy/paste. Now we have macro to generate major nsr summary table. So permit reviewer will send you the empty table and request you to fill it out. **See attached the filled out Major NSR Summary Table**

3, I have conducted a technical review for your application. 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 confirm this statement. Tenter frame? **This is correct, the term comes from the citation §63.4281(c)(4), which is also the basis for the permit shield**

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			with process material.
PRO-LINE90	N/A	40 CFR Part 63, Subpart OOOO	Fabric and other textile substrate web coating or printing operations conducted at ambient temperatures that does not involve drying or curing equipment such as ovens, tenter frames, steam cans, or dryers.
PRO-LINE91	N/A	40 CFR Part 63, Subpart DDDDD	Does not meet the definition of "Process Heater" in this subpart, due to not qualifying as enclosed device/controlled flame and/or direct contact with process material.
PRO-LINE92	N/A	40 CFR Part 60, Subpart PPP	The facility does not manufacture rotary spun glass fiber or fiberglass insulation.

Please review the WDP and submit to me any comments you have on the working draft permit by *Due 02/28/2025*.

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.

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
1/2/3/4/5	Lines 92 and 93 Collectors and High-Energy Air Filtration (HEAF) - Stacks	PM	33.50	146.73	31, 32, 35, 40, 45	47, 54, 55	47
		PM ₁₀	33.50	146.73			
		PM _{2.5}	33.50	146.73			
		Total VOC	21.61	94.64			
		NO _x	11.76	51.51			
		SO ₂	6.53	28.65			
		CO	57.46	251.67			
		NH ₃	36.00	157.68			
		Formaldehyde	6.93	30.35			
		Phenol	4.12	18.05			
		Methyl Alcohol	3.69	16.15			
15A	Glass Furnaces (1901 and 1902) ESP - Stack	PM	7.46	32.65	6, 7, 31, 32, 35, 37, 38, 45	6, 7, 37, 38, 47, 54, 55	6, 7, 42, 47
		PM (6)	8.00	0.16			
		PM ₁₀	7.46	32.65			
		PM ₁₀ (6)	8.00	0.16			
		PM _{2.5}	7.46	32.65			
		PM _{2.5} (6)	8.00	0.16			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC	0.12	0.53			
		NO _x	18.32	80.25			
		SO ₂	4.20	18.36			
		SO ₂ (6)	8.40	0.17			
		CO	0.55	2.40			
		HF	0.18	0.78			
		Pb	0.00035	0.00153			
FHFUG	1901 Forehearth (5)	PM	0.09	0.40		54, 55	
		PM ₁₀	0.09	0.40			
		PM _{2.5}	0.09	0.40			
		VOC	0.05	0.24			
		NO _x	0.98	4.28			
		SO ₂	0.01	0.03			
		CO	0.82	3.59			
		HF	0.05	0.21			
FHFUG2	1902 Furnace Forehearth (5)	PM	0.25	1.10		54, 55	
		PM ₁₀	0.25	1.10			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	0.25	1.10			
		VOC	0.04	0.18			
		NO _x	1.46	6.40			
		SO ₂	<0.01	0.05			
		CO	1.10	4.80			
FMFUG	1901 Forming Area (5)	PM	1.67	7.30		54, 55	
		PM ₁₀	1.67	7.30			
		PM _{2.5}	1.67	7.30			
		VOC	0.75	3.29			
		NH ₃	0.13	0.58			
BFUG	1901 Batch Plant (5)	PM	<0.01	0.02	34	34, 54, 55	
		PM ₁₀	<0.01	0.02			
		PM _{2.5}	<0.01	0.02			
FUGRM	1901 Batch Drop Railcar Unloading (5)	PM	<0.01	<0.01		54, 55	
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
MXBIN1	1901 E-Glass Mixing Bin	PM	<0.01	<0.01	34	34, 54, 55	

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	(North) (5)	PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
MXBIN2	1901 E-Glass Mixing Bin (South) (5)	PM	<0.01	<0.01	34	34, 54, 55	
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
16	Line 91 Collection Wet Scrubber No. 1 - Stack	PM	4.50	19.08	6, 7, 31, 32, 35, 40	6, 7, 42, 47, 54, 55	6, 7, 47
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
17	Line 91 Collection Wet Scrubber No. 2 - Stack	PM	4.50	19.08	6, 7, 31, 32, 35, 40	6, 7, 42, 47, 54, 55	6, 7, 47
		PM ₁₀	4.50	19.08			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
18	Line 91 Collection Wet Scrubber No. 3 - Stack	PM	4.50	19.08	6, 7, 31, 32, 35, 40	6, 7, 42, 47, 54, 55	6, 7, 47
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Phenol	0.75	3.29			
19	Line 91 Collection Wet Scrubber No. 4 - Stack	PM	4.50	19.08	6, 7, 31, 32, 35, 40	6, 7, 42, 47, 54, 55	6, 7, 47
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
20	Line 91 Curing Oven Wet Scrubber (with Ring-Burner) - Stack	PM	4.51	18.96	6, 7, 31, 32, 35, 40	6, 7, 42, 47, 54, 55	6, 7, 47
		PM ₁₀	4.51	18.96			
		PM _{2.5}	4.51	18.96			
		Total VOC	7.82	34.24			
		NO _x	4.38	19.18			
		SO ₂	0.01	0.04			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	22.28	97.58			
		NH ₃	7.02	30.75			
		Formaldehyde	1.60	7.00			
		Phenol	1.00	4.38			
21	Line 91 Melters Baghouse No. 1 - Stack	PM	0.99	4.34	6, 7, 31, 32, 35, 36, 40, 45	6, 7, 42, 47, 54, 55	6, 7, 47
		PM ₁₀	0.99	4.34			
		PM _{2.5}	0.99	4.34			
		Total VOC	3.72	16.27			
		NO _x	0.11	0.50			
		SO ₂	1.12	4.92			
		CO	5.27	23.08			
		Boron Oxide	0.40	1.75			
		Pb	0.000166	0.000736			
		As	0.000223	0.000977			
		Cd	0.000088	0.000389			
		Cr	0.00425	0.0186			
22	Line 91 Cold	PM	0.06	0.26	31, 35	54, 55	

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	End/Horizontal Band Saw Baghouse No. 2 - Stack	PM ₁₀	0.06	0.26			
		PM _{2.5}	0.06	0.26			
23	Line 91 Batch Loading Shed Baghouse No. 3 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
24	Line 91 Unload Shed Baghouse No. 4 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
25	Line 91 Melter Dust Refeed Baghouse No. 5 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
26	Line 91 Mixed Batch Day Bin Baghouse No. 6 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
27	Line 91 Mixed Batch Day Bin Baghouse No. 7 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
28	Line 91 Mixed Batch Day Bin Baghouse No. 8 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
29	Line 91 Mixed Batch Day Bin Baghouse No. 9 - Stack	PM	0.03	0.13	31, 35	54, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
30	Line 90 IR Curing Oven Stack	VOC	2.26	2.75	24, 25	54, 55	
		IOC	0.47	0.59			
31	Proline 90 Oven Stack Zone 1	VOC	4.45	2.51		54, 55	
		ES	5.96	3.37			
32	Proline 90 Oven Stack Zone 2	VOC	4.45	2.51	24, 25	54, 55	
		ES	5.96	3.37			
		NO _x	0.15	0.64			
		CO	0.12	0.54			
		SO ₂	0.01	0.01			
		PM	0.01	0.05			
		PM ₁₀	0.01	0.05			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	0.01	0.05			
33	Proline 90 Oven Stack Zone 3	VOC	4.45	2.51	24, 25	54, 55	
		ES	5.96	3.37			
		NO _x	0.15	0.64			
		CO	0.12	0.54			
		SO ₂	0.01	0.01			
		PM	0.01	0.05			
		PM ₁₀	0.01	0.05			
		PM _{2.5}	0.01	0.05			
34	Proline 90 Application and Conveyor Flash Off Emissions	VOC	22.82	22.86	24, 25	54, 55	
		ES	10.06	5.68			
		IOC	3.23	4.03			
Adhesive CAP	Proline 90 Adhesive Application Emissions from EPNs 30/31/32/33/34	VOC	12.00	14.98	24, 25	54, 55	
		IOC	3.71	4.63			
9701	Line 97 Oven Stack Zone 1	VOC	6.67	2.26	24, 25	54, 55	
		ES	8.95	3.03			
		NO _x	0.10	0.43			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	0.08	0.36			
		SO ₂	0.01	0.01			
		PM	0.01	0.03			
		PM ₁₀	0.01	0.03			
		PM _{2.5}	0.01	0.03			
9702	Line 97 Oven Stack Zone 2	VOC	6.67	2.26	24, 25	54, 55	
		ES	8.95	3.03			
		NOx	0.1	0.43			
		CO	0.08	0.36			
		SO ₂	0.01	0.01			
		PM	0.01	0.03			
		PM ₁₀	0.01	0.03			
		PM _{2.5}	0.01	0.03			
971R	Proline 97 IR Curing Oven	VOC	1.08	0.51	24, 25	54, 55	
9703	Proline 97 Application Flash Off Emissions	VOC	14.79	6.13	24, 25	54, 55	
		ES	10.07	3.41			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
35	South Trim Waste Re-Feed Baghouse	PM	0.03	0.12	31, 35	54, 55	
		PM ₁₀	0.03	0.12			
		PM _{2.5}	0.03	0.12			
36	North Trim Waste Re-Feed Baghouse	PM	0.03	0.12	31, 35	54, 55	
		PM ₁₀	0.03	0.12			
		PM _{2.5}	0.03	0.12			
37	Off-Line Trim Waste Re-Feed Baghouse	PM	0.08	0.36	31, 35	54, 55	
		PM ₁₀	0.08	0.36			
		PM _{2.5}	0.08	0.36			
Tanks 34, 35, 36, 37, and 38	E-Glass Mixing Tanks	VOC	0.31	1.54		54, 55	
RA901	1901 E-Glass Reclaim Area	PM	0.62	2.72		54, 55	
		PM ₁₀	0.62	2.72			
		PM _{2.5}	0.62	2.72			
		VOC	0.45	1.97			
		NO _x	0.10	0.44			
		SO ₂	<0.01	0.01			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	0.08	0.35			
		NH ₃	0.10	0.44			
DRYTUNFUG	Gypsum Drying Tunnel (5)	PM	0.02	0.088		54, 55	
		PM ₁₀	0.02	0.088			
		PM _{2.5}	0.02	0.088			
		Total VOC	0.14	0.61			
		NO _x	0.15	0.66			
		SO ₂	<0.01	<0.01			
		CO	0.13	0.55			
		HF	0.01	0.04			
OGMFUG	Off-Line Grooving Machine (5)	PM	0.14	0.61		54, 55	
		PM ₁₀	0.14	0.61			
		PM _{2.5}	0.14	0.61			
MSSFUG	MSS Fugitives (5)	PM	<0.40	<1.00		54, 55	
		PM ₁₀	<0.40	<1.00			
		PM _{2.5}	<0.40	<1.00			
		VOC	<0.40	<1.00			

Major NSR Summary Table

Permit Number 946A and PSDTX1025M1					Issuance Date: October 10, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		NO _x	<0.40	<1.00			
		SO ₂	<0.40	<1.00			
		CO	<0.40	<1.00			
		NH ₃	<0.40	<1.00			
		Formaldehyde	<0.40	<1.00			
		Phenol	<0.40	<1.00			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

NH₃ - ammonia

HF - hydrogen fluoride

Pb - lead

As - arsenic

Cd - cadmium

Cr - chromium

ES - exempt solvents

IOC - inorganic compounds

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(6) Emission rates apply during inspection, cleaning, and maintenance of Glass Furnaces 1901 and 1902 dry scrubber.

(7) Planned startup and shutdown emissions are included. Maintenance activities, except as specified in Special Condition No. 21, are not authorized by this permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119.

**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.
02/18/2025	O1677	RN100213719

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
	2	PRO-LINE90	OP-UA18, OP-REQ2	Surface Coating Operation		946A, 106.433/09/04/2000	PSDTX1025M1
	4	PRO-LINE97	OP-REQ2	Surface Coating Operation		946A, 106.433/09/04/2000	PSDTX1025M1
	5	97O1	OP-REQ2	Line 97 Oven 1		946A, 106.433/09/04/2000	PSDTX1025M1
	6	97O2	OP-REQ2	Line 97 Oven 2		946A, 106.433/09/04/2000	PSDTX1025M1
D		DEGREASER	OP-REQ2	DEGREASERS		106.454/09/04/2000	

From: Eddie Quintanilla <Heriberto.Quintanilla@trinityconsultants.com>
Sent: Wednesday, January 29, 2025 3:17 PM
To: Jasmine Yuan
Cc: Connor McNally; Lynn, JT; Sharp, Chris (RMT)
Subject: RE: Technical Review - O1677 Johns Manville (Minor, 37210)
Attachments: 2025-0129 TCEQ Response O1677.pdf

Good afternoon Jasmine,

Hope you are doing alright!

On behalf of Johns Manville, see attached our response to your email sent on 01/15/2025. The pending renewal will not be incorporated at this time, only the 10/10/2024 issuance. The attachment includes the OP-PBR SUP, OP-SUMR, OP-REQ1 pages 88 and 89, and a revised Major NSR Summary Table. Let me know if you need anything else or have any questions.

Thanks!

Heriberto "Eddie" Quintanilla, P.E.
Staff Consultant

Trinity Consultants
9737 Great Hills Trail, Ste. 340, Austin, TX 78759
Office: 737-284-0687
heriberto.quintanilla@trinityconsultants.com



Connect with us: [LinkedIn](#) / [Facebook](#) / [Twitter](#) / [YouTube](#) / trinityconsultants.com

From: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Sent: Friday, January 24, 2025 11:48 AM
To: Connor McNally <Connor.McNally@trinityconsultants.com>
Cc: Lynn, JT <JT.Lynn@jm.com>; Sharp, Chris (RMT) <Chris.Sharp2@jm.com>
Subject: [EXTERNAL] RE: Technical Review - O1677 Johns Manville (Minor, 37210)

Will do.
Jasmine



9737 Great Hills Trail, Suite 340, Austin, TX 78759 / P 713-955-1230 / F (713) 955-1201 / trinityconsultants.com

January 29, 2025

Texas Commission on Environmental Quality
Operating Permits Section, MC 161
12100 Park 35 Circle
Building C, Third Floor
Austin, TX 78753

*RE: Response to TCEQ request
Title V Permit O1677
Johns Manville
Cleburne Plant
CN601719065/RN100213719*

Dear Jasmine Yuan:

On behalf of Johns Manville, Trinity Consultants is hereby submitting this update to the renewal application for Site Operating Permit No. O1677 for the Cleburne Plant in Johnson County, TX. The forms included are the following: OP-PBR SUP, OP-SUMR, OP-REQ1 pages 88 and 89, and a revised Major NSR Summary Table. A Word version of the Major NSR Summary Table with tracked changes is available upon request.

If you have any questions or require additional information, please feel free to contact me at 737-284-0687 or heriberto.quintanilla@trinityconsultants.com.

Sincerely,

TRINITY CONSULTANTS

Heriberto Quintanilla, P.E.
Staff Consultant

HEADQUARTERS

12700 Park Central Dr, Ste 2100, Dallas, TX 75251 / P 800.229.6655 / P 972.661.8100 / F 972.385.9203

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

Date	Permit Number	Regulated Entity Number	Area Name
01/29/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	Registration No.	PBR No.	Registration Date
35, 36, 37	25373	118	6/22/1994
Drying Tunnel, Drying Heater	42504	106.183, 106.262	11/18/1999
Klug Silos 1-8	51910	106.144	8/27/2002
Temporary Engines 1 and 2	55281	106.512	6/18/2003
PRO-LINE91	91903	106.418, 106.433	8/6/2015
1/2, 3, 4/5, 6, 7, 18, 19, and 20	107085	106.261, 106.262	10/13/2016
Point 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, 36, 37	160971	106.261, 106.262	7/30/2020
91COKDC	161154	106.261, 106.262	5/27/2020

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

Date	Permit Number	Regulated Entity Number	Area Name
01/29/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date
91-CT1, 91-CT2, E-CT1, E-CT2, E-CT3, P&M-CT1, P&M-CT2	106.371	9/4/2000
9701, 9702, PRO-LINE90, PRO-LINE97	106.433	9/4/2000
DEGREASER	106.454	9/4/2000
AHTANK, CATLYSTNK, DIESEL1, DIESEL2, DIESEL3, SULHLDTNK, TANK1, TANK2, TANK3, TANK4, TANK5, TANK6, TANK7, TANK8, TANK9, TANK10, TANK11, TANK12, TANK13, TANK18, TANK19, TANK20, TANK21, TANK22, TANK23, TANK28,TANK29, TANK30, TANK31, TANK32, TANK33, TANK39, TANK42, TANK43, TANK45, TANK46, TANK47, TANK48, TANK49, TANK50, TANK51, TANK52, TANK53, TANK54, TANK55, TANK57, TANK58, TANK59, TANK60, TANK66, TANK67, TANK68, TANK69, TANK70, TANK71, UREAMIXTNK	106.472	9/4/2000
UNLEAD1	106.473	9/4/2000
TANK40, TANK41, TANK61, TANK62, TANK63, TANK64, TANK65,	106.476	9/4/2000
TK-DOIL	106.478	9/4/2000
WWT	106.532	9/4/2000
90OVEN, 92TRNPOT, FH-EAST, FH-WEST, HEAT1, MARBLELEHR, STEAMCLNR	106.183	9/4/2000
GEN1, GEN2	106.511	9/4/2000
TANK34, TANK35, TANK36, TANK37, TANK38	106.261, 106.262	11/1/2003
TK-LFC1, TK-LFC2	51	9/12/1989

Texas Commission on Environmental Quality
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

Date	Permit Number	Regulated Entity Number	Area Name
01/29/2025	01677	RN100213719	Cleburne Plant

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

Texas Commission on Environmental Quality
Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

Date	Permit Number	Regulated Entity Number	Area Name
01/29/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
35, 36, 37	118	25373	Monitor flow rates and perform annual efficiency tests for collectors.
Drying Tunnel, Drying Heater	106.183, 106.262	42504	Track heater hours of operating and use emission factor from AP-42 Tables 1.4-1, 1.4-2, 1.4-3 to track emissions.
Klug Silos 1-8	106.144	51910	Observe system and perform frequent filtering velocity tests.
Temporary Engines 1 and 2	106.512	55281	Track annual hours of operation.
PRO-LINE91	106.418, 106.433	91903	Gross ink and cleaning solution usage is recorded annually.
1/2,3,4/5,6,7,18,19, and 20	106.261, 106.262	107085	Annual hours are tracked and stack tests are performed.
Point 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 35, 36, 37	106.261, 106.262	160971	Annual and hourly throughputs are tracked.
91COKDC	106.261, 106.262	161154	Annual and hourly throughputs are tracked.
91-CT1, 91-CT2, E-CT1, E-CT2, E-CT3, P&M-CT1, P&M-CT2	106.371	9/4/2000	Cooling tower chemical usage and operating hours are recorded annually.
9701, 9702, PRO-LINE90, PRO-LINE97	106.433	9/4/2000	Daily and montly reports of solvent usage and actual hours of operation per coating activity.
DEGREASER	106.454	9/4/2000	Gross solvent usage is recorded annually.

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

Date	Permit Number	Regulated Entity Number	Area Name
01/29/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
AHTANK, CATLYSTNK, DIESEL1, DIESEL2, DIESEL3, SULHLDTNK, TANK1, TANK2, TANK3, TANK4, TANK5, TANK6, TANK7, TANK8, TANK9, TANK10, TANK11, TANK12, TANK13, TANK18, TANK19, TANK20, TANK21, TANK22, TANK23, TANK28, TANK29, TANK30, TANK31, TANK32, TANK33, TANK39, TANK42, TANK43, TANK45, TANK46, TANK47, TANK48, TANK49, TANK50, TANK51, TANK52, TANK53, TANK54, TANK55, TANK57, TANK58, TANK59, TANK60, TANK66, TANK67, TANK68, TANK69, TANK70, TANK71, UREAMIXTNK	106.472	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
UNLEAD1	106.473	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
TANK40, TANK41, TANK61, TANK62, TANK63, TANK64, TANK65,	106.476	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
TK-DOIL	106.478	9/4/2000	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
WWT	106.532	9/4/2000	Annual observation of equipment/activities to confirm negligible emissions.
90OVEN, 92TRNPOT, FH-EAST, FH-WEST, HEAT1, MARBLELEHR, STEAMCLNR	106.183	9/4/2000	Heater combustion gas usage in MMBtu/month is recorded.
GEN1, GEN2	106.511	9/4/2000	Engine runtime is recorded annually

Texas Commission on Environmental Quality
Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area

Date	Permit Number	Regulated Entity Number	Area Name
01/29/2025	01677	RN100213719	Cleburne Plant

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TANK34, TANK35, TANK36, TANK37, TANK38	106.261, 106.262	11/1/2003	Tank throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.
TK-LFC1, TK-LFC2	51	9/12/1989	Loading throughput is calculated monthly and used in the emission calculation methods described in Section 7.1 of AP-42 to calculate losses.

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.
01/29/2025	01677	RN100213719

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
		PRO-LINE91	OP-UA18, OP- UA24	LINE #91		946A, 106.416/09/04/2000- [91903], 106.418/09/04/2000 [91903], 106.433/09/04/2000 [91903]	PSDTX1025M1

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/29/2025	O1677	RN100213719

For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX1025M1	10/10/2024				

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

Permit No.	Issuance Date	Pollutant(s):	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
946A	10/10/2024				
130233	02/23/2015				

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

Date	Permit No.	Regulated Entity No.
01/29/2025	O1677	RN100213719

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date

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

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

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
51	09/12/1989	106.433	09/04/2000	106.532	09/04/2000
118	06/22/1994	106.454	09/04/2000		
106.144	09/04/2000	106.472	09/04/2000		
106.183	09/04/2000	106.473	09/04/2000		
106.261	11/01/2003	106.476	09/04/2000		
106.262	11/01/2003	106.478	09/04/2000		
106.371	09/04/2000	106.511	09/04/2000		
106.418	09/04/2000	106.512	09/04/2000		

- ◆ **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

Major NSR Summary Table

Permit Numbers: 946A and PSDTX1025M1					Issuance Date: March 26, 2020 <u>October 10, 2024</u>		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (7)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
1/2/3/4/5	Lines 92 and 93 Collectors and High- Energy Air Filtration (HEAF) - Stacks	PM	33.50	146.73	2831, 2932, 3235, 3740, 4245	4447, 5154, 55	4447
		PM ₁₀	33.50	146.73			
		PM _{2.5}	33.50	146.73			
		Total VOC	21.61	94.64			
		NO _x	11.76	51.51			
		SO ₂	6.53	28.65			
		CO	57.46	251.67			
		NH ₃	36.00	157.68			
		Formaldehyde	8.50 <u>6.93</u>	37.23 <u>30.35</u>			
		Phenol	4.12	18.05			
		Methyl Alcohol	3.69	16.15			
15A	Glass Furnaces (1901 and 1902) ESP - Stack	PM	7.46	32.65	46, 57, 26, 2831, 2932, 3235, 3437, 3538, 4245	46, 57, 3437, 3538, 4447, 5154, 55	46, 57, 3942, 4447
		PM (6)	8.00	0.16			
		PM ₁₀	7.46	32.65			
		PM ₁₀ (6)	8.00	0.16			
		PM _{2.5}	7.46	32.65			
		PM _{2.5} (6)	8.00	0.16			
		VOC	0.12	0.53			
		NO _x	18.32	80.25			
		SO ₂	4.20	18.36			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (7)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂ (6)	8.40	0.17			
		CO	0.55	2.40			
		HF	0.18	0.78			
		Pb	0.00035	0.00153			
FHFUG	1901 Forehearth (5)	PM	0.09	0.40		54 54, 55	
		PM ₁₀	0.09	0.40			
		PM _{2.5}	0.09	0.40			
		VOC	0.05	0.24			
		NO _x	0.98	4.28			
		SO ₂	0.01	0.03			
		CO	0.82	3.59			
		HF	0.05	0.21			
FHFUG2	1902 Furnace Forehearth (5)	PM	0.25	1.10		54 54, 55	
		PM ₁₀	0.25	1.10			
		PM _{2.5}	0.25	1.10			
		VOC	0.04	0.18			
		NO _x	1.46	6.40			
		SO ₂	<0.01	0.05			
		CO	1.10	4.80			
FMFUG	1901 Forming Area (5)	PM	1.67	7.30		54 54, 55	
		PM ₁₀	1.67	7.30			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (7)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	1.67	7.30			
		VOC	0.75	3.29			
		NH ₃	0.13	0.58			
BFUG	1901 Batch Plant (5)	PM	<0.01	0.02	34 34	34 34, 54 54, 55 55	
		PM ₁₀	<0.01	0.02			
		PM _{2.5}	<0.01	0.02			
FUGRM	1901 Batch Drop Railcar Unloading (5)	PM	<0.01	<0.01		54 54, 55 55	
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
MXBIN1	1901 E-Glass Mixing Bin (North) (5)	PM	<0.01	<0.01	34 34	34 34, 54 54, 55 55	
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
MXBIN2	1901 E-Glass Mixing Bin (South) (5)	PM	<0.01	<0.01	34 34	34 34, 54 54, 55 55	
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
16	Line 91 Collection Wet Scrubber No. 1 - Stack	PM	4.50	19.08	46, 57, 28 31, 29 32, 32 35, 37 40	46, 57, 39 42, 44 47, 54 54, 55 55	46, 57, 44 47
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
17	Line 91 Collection Wet Scrubber No. 2 - Stack	PM	4.50	19.08	46, 57, 2831, 2932, 3235, 3740	46, 57, 3942, 4447, 5154, 55	46, 57, 4447
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
18	Line 91 Collection Wet Scrubber No. 3 - Stack	PM	4.50	19.08	46, 57, 2831, 2932, 3235, 3740	46, 57, 3942, 4447, 5154, 55	46, 57, 4447
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
19	Line 91 Collection Wet Scrubber No. 4 - Stack	PM	4.50	19.08	46, 57, 2831, 2932, 3235, 3740	46, 57, 3942, 4447, 5154, 55	46, 57, 4447
		PM ₁₀	4.50	19.08			
		PM _{2.5}	4.50	19.08			
		Total VOC	3.84	12.38			
		NO _x	1.29	5.63			
		SO ₂	0.01	0.04			
		CO	9.15	40.17			
		NH ₃	4.20	18.37			
		Formaldehyde	0.68	2.97			
		Phenol	0.75	3.29			
20	Line 91 Curing Oven Wet Scrubber (with Ring-Burner) - Stack	PM	4.51	18.96	46, 57, 2831, 2932, 3235, 3740	46, 57, 3942, 4447, 5154, 55	46, 57, 4447
		PM ₁₀	4.51	18.96			
		PM _{2.5}	4.51	18.96			
		Total VOC	7.82	34.24			
		NO _x	4.38	19.18			
		SO ₂	0.01	0.04			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (7)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	22.28	97.58			
		NH ₃	7.02	30.75			
		Formaldehyde	1.60	7.00			
		Phenol	1.00	4.38			
21	Line 91 Melters Baghouse No. 1 - Stack	PM	0.99	4.34	46, 57, 27, 2831, 2932, 3235, 3336, 3740, 4245	46, 57, 3336, 4447, 5454, 55	46, 57, 3942, 4447
		PM ₁₀	0.99	4.34			
		PM _{2.5}	0.99	4.34			
		Total VOC	3.72	16.27			
		NO _x	0.11	0.50			
		SO ₂	1.12	4.92			
		CO	5.27	23.08			
		Boron Oxide	0.40	1.75			
		Pb	0.000166	0.000736			
		As	0.000223	0.000977			
		Cd	0.000088	0.000389			
		Cr	0.00425	0.0186			
22	Line 91 Cold End/Horizontal Band Saw Baghouse No. 2 - Stack	PM	0.06	0.26	2831, 3235	5454, 55	
		PM ₁₀	0.06	0.26			
		PM _{2.5}	0.06	0.26			
23	Line 91 Batch	PM	0.03	0.13	2831, 3235	5454, 55	

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Loading Shed Baghouse No. 3 - Stack	PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
24	Line 91 Unload Shed Baghouse No. 4 - Stack	PM	0.03	0.13	2831, 3235	5454, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
25	Line 91 Melter Dust Refeed Baghouse No. 5 - Stack	PM	0.03	0.13	2831, 3235	5454, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
26	Line 91 Mixed Batch Day Bin Baghouse No. 6 - Stack	PM	0.03	0.13	2831, 3235	5454, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
27	Line 91 Mixed Batch Day Bin Baghouse No. 7 - Stack	PM	0.03	0.13	2831, 3235	5454, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
28	Line 91 Mixed Batch Day Bin Baghouse No. 8 - Stack	PM	0.03	0.13	2831, 3235	5454, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
29	Line 91 Mixed Batch Day Bin Baghouse No. 9 - Stack	PM	0.03	0.13	2831, 3235	5454, 55	
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			
<u>30</u>	<u>Line 90 IR Curing Oven Stack</u>	<u>VOC</u>	<u>2.26</u>	<u>2.75</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>IOC</u>	<u>0.47</u>	<u>0.59</u>			

Major NSR Summary Table

<u>31</u>	<u>Proline 90 Oven Stack Zone 1</u>	<u>VOC</u>	<u>4.45</u>	<u>2.51</u>		<u>54, 55</u>	
		<u>ES</u>	<u>5.96</u>	<u>3.37</u>			
<u>32</u>	<u>Proline 90 Oven Stack Zone 2</u>	<u>VOC</u>	<u>4.45</u>	<u>2.51</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>ES</u>	<u>5.96</u>	<u>3.37</u>			
		<u>NO_x</u>	<u>0.15</u>	<u>0.64</u>			
		<u>CO</u>	<u>0.12</u>	<u>0.54</u>			
		<u>SO₂</u>	<u>0.01</u>	<u>0.01</u>			
		<u>PM</u>	<u>0.01</u>	<u>0.05</u>			
		<u>PM₁₀</u>	<u>0.01</u>	<u>0.05</u>			
		<u>PM_{2.5}</u>	<u>0.01</u>	<u>0.05</u>			
<u>33</u>	<u>Proline 90 Oven Stack Zone 3</u>	<u>VOC</u>	<u>4.45</u>	<u>2.51</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>ES</u>	<u>5.96</u>	<u>3.37</u>			
		<u>NO_x</u>	<u>0.15</u>	<u>0.64</u>			
		<u>CO</u>	<u>0.12</u>	<u>0.54</u>			
		<u>SO₂</u>	<u>0.01</u>	<u>0.01</u>			
		<u>PM</u>	<u>0.01</u>	<u>0.05</u>			
		<u>PM₁₀</u>	<u>0.01</u>	<u>0.05</u>			
		<u>PM_{2.5}</u>	<u>0.01</u>	<u>0.05</u>			
<u>34</u>	<u>Proline 90 Application and Conveyor Flash Off Emissions</u>	<u>VOC</u>	<u>22.82</u>	<u>22.86</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>ES</u>	<u>10.06</u>	<u>5.68</u>			
		<u>IOC</u>	<u>3.23</u>	<u>4.03</u>			
<u>Adhesive CAP</u>	<u>Proline 90 Adhesive Application Emissions from EPNs 30/31/32/33/34</u>	<u>VOC</u>	<u>12.00</u>	<u>14.98</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>IOC</u>	<u>3.71</u>	<u>4.63</u>			

Major NSR Summary Table

<u>9701</u>	<u>Line 97 Oven Stack Zone 1</u>	<u>VOC</u>	<u>6.67</u>	<u>2.26</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>ES</u>	<u>8.95</u>	<u>3.03</u>			
		<u>NO_x</u>	<u>0.10</u>	<u>0.43</u>			
		<u>CO</u>	<u>0.08</u>	<u>0.36</u>			
		<u>SO₂</u>	<u>0.01</u>	<u>0.01</u>			
		<u>PM</u>	<u>0.01</u>	<u>0.03</u>			
		<u>PM₁₀</u>	<u>0.01</u>	<u>0.03</u>			
		<u>PM_{2.5}</u>	<u>0.01</u>	<u>0.03</u>			
<u>9702</u>	<u>Line 97 Oven Stack Zone 2</u>	<u>VOC</u>	<u>6.67</u>	<u>2.26</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>ES</u>	<u>8.95</u>	<u>3.03</u>			
		<u>NO_x</u>	<u>0.1</u>	<u>0.43</u>			
		<u>CO</u>	<u>0.08</u>	<u>0.36</u>			
		<u>SO₂</u>	<u>0.01</u>	<u>0.01</u>			
		<u>PM</u>	<u>0.01</u>	<u>0.03</u>			
		<u>PM₁₀</u>	<u>0.01</u>	<u>0.03</u>			
		<u>PM_{2.5}</u>	<u>0.01</u>	<u>0.03</u>			
<u>97IR</u>	<u>Proline 97 IR Curing Oven</u>	<u>VOC</u>	<u>1.08</u>	<u>0.51</u>	<u>24, 25</u>	<u>54, 55</u>	
<u>9703</u>	<u>Proline 97 Application Flash Off Emissions</u>	<u>VOC</u>	<u>14.79</u>	<u>6.13</u>	<u>24, 25</u>	<u>54, 55</u>	
		<u>ES</u>	<u>10.07</u>	<u>3.41</u>			
<u>35</u>	<u>South Trim</u>	<u>PM</u>	<u>0.03</u>	<u>0.12</u>	<u>2831, 3235</u>	<u>5454, 55</u>	

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
36	Waste Re-Feed Baghouse	PM ₁₀	0.03	0.12	2831, 3235	5454, 55	
		PM _{2.5}	0.03	0.12			
		PM	0.03	0.12			
	North Trim Waste Re-Feed Baghouse	PM ₁₀	0.03	0.12			
		PM _{2.5}	0.03	0.12			
		PM	0.08	0.36			
37	Off-Line Trim Waste Re-Feed Baghouse	PM ₁₀	0.08	0.36	2831, 3235	5454, 55	
		PM _{2.5}	0.08	0.36			
		PM	0.08	0.36			
Tanks 34, 35, 36, 37, and 38	E-Glass Mixing Tanks	VOC	0.31	1.54		5454, 55	
RA901	1901 E-Glass Reclaim Area	PM	0.62	2.72		5454, 55	
		PM ₁₀	0.62	2.72			
		PM _{2.5}	0.62	2.72			
		VOC	0.45	1.97			
		NO _x	0.10	0.44			
		SO ₂	<0.01	0.01			
		CO	0.08	0.35			
		NH ₃	0.10	0.44			
DRYTUNFUG	Gypsum Drying Tunnel (5)	PM	0.02	0.088		5454, 55	
		PM ₁₀	0.02	0.088			
		PM _{2.5}	0.02	0.088			

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Total VOC	0.14	0.61			
		NO _x	0.15	0.66			
		SO ₂	<0.01	<0.01			
		CO	0.13	0.55			
		HF	0.01	0.04			
OGMFUG	Off-Line Grooving Machine (5)	PM	0.14	0.61		5454, 55	
		PM ₁₀	0.14	0.61			
		PM _{2.5}	0.14	0.61			
MSSFUG	MSS Fugitives (5)	PM	<0.40	<1.00		5454, 55	
		PM ₁₀	<0.40	<1.00			
		PM _{2.5}	<0.40	<1.00			
		VOC	<0.40	<1.00			
		NO _x	<0.40	<1.00			
		SO ₂	<0.40	<1.00			
		CO	<0.40	<1.00			
		NH ₃	<0.40	<1.00			
		Formaldehyde	<0.40	<1.00			
		Phenol	<0.40	<1.00			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide

PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- total particulate matter equal to or less than 10 microns in diameter, including PM _{2.5} , as represented
PM _{2.5}	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
NH ₃	- ammonia
HF	- hydrogen fluoride
Pb	- lead
As	- arsenic
Cd	- cadmium
Cr	- chromium
<u>ES</u>	- <u>exempt solvents</u>
<u>IOC</u>	- <u>inorganic compounds</u>

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission rates apply during inspection, cleaning, and maintenance of Glass Furnaces 1901 and 1902 dry scrubber.
- (7) Planned startup and shutdown emissions are included. Maintenance activities, except as specified in Special Condition No. 21, are not authorized by this permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119.

From: Connor McNally <Connor.McNally@trinityconsultants.com>
Sent: Friday, January 24, 2025 11:47 AM
To: Jasmine Yuan <Jasmine.Yuan@tceq.texas.gov>
Cc: Lynn, JT <JT.Lynn@jm.com>; Sharp, Chris (RMT) <Chris.Sharp2@jm.com>
Subject: RE: Technical Review - O1677 Johns Manville (Minor, 37210)

Hi Jasmine,

Hope you are doing well, and thanks for your questions.

I tried your office, and wanted to let you know that Johns Manville will need a few more days to provide a response and to coordinate signatures. An extension to the 29th (next Wednesday) is being requested.

Thanks for your help and please confirm receipt or call my cell below if you have any questions.

Thanks!

Connor

Connor McNally
Manager of Consulting Services – Corpus Christi
Trinity Consultants
512-965-5556 (cell)

From: Jasmine Yuan
Sent: Wednesday, January 15, 2025 4:03 PM
To: Lynn, JT
Subject: Technical Review - O1677 Johns Manville (Minor, 37210)

Hello John,

I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O1677 for Johns Manville, Cleburne Plant. This application has been assigned Project No. 37210. 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.

Please submit OP-REQ1 PAGE 87 to indicate the NSR issuance date. The NSR renewal is pending now. Do you want to incorporate the NSR amendment issued on 10/10/2024 or this pending renewal?

As you revised PBR, incorporating 106.433 into NSR, you need to submit OP-PBRSUP. Please respond by 01/24/2025. Let me know if you need longer time.

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](#).

Optional: Request any information that may have been noted as deficient or out-of-date during a preliminary project review (e.g. OP-1 with current contact data, current OP-REQ1, etc.), and include a deadline.

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

1677

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	CLEBURNE PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	97.392777
Primary SIC Code	3296
Secondary SIC Code	
Primary NAICS Code	327993
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100213719
What is the name of the Regulated Entity (RE)?	CLEBURNE PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	200 W INDUSTRIAL BLVD
City	CLEBURNE
State	TX
ZIP	76033
County	JOHNSON
Latitude (N) (##.#####)	32.386944
Longitude (W) (-###.#####)	-97.396666
Facility NAICS Code	
What is the primary business of this entity?	FLEET REFUELING

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601719065
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Johns Manville
Texas SOS Filing Number	653306
Federal Tax ID	130889690
State Franchise Tax ID	11308896908
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	JOHNS MANVILLE
Prefix	MR
First	MATTHEW
Middle	
Last	LEFELD
Suffix	
Credentials	
Title	INTERIM PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD
Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
ZIP	76033
Phone (###-###-####)	8175566635
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	matt.lefeld@jm.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.	JT LYNN(JOHNS MANVILLE...)
Organization Name	JOHNS MANVILLE
Prefix	MR
First	JT
Middle	
Last	LYNN
Suffix	
Credentials	
Title	ENVIRONMENTAL MANAGER
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	200 W INDUSTRIAL BLVD

Routing (such as Mail Code, Dept., or Attn:)	
City	CLEBURNE
State	TX
Zip	76033
Phone (###-###-####)	8175566659
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	8175566650
E-mail	JT.Lynn@jm.com

Technical Contact

Person TCEQ should contact for questions about this application:	
Select existing TC contact or enter a new contact.	CHRIS SHARP(JOHN'S MANVILLE...)
Organization Name	JOHN'S MANVILLE
Prefix	MR
First	CHRIS
Middle	
Last	SHARP
Suffix	
Credentials	
Title	CORPORATE ENVIRONMENTAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	717 17TH ST
Routing (such as Mail Code, Dept., or Attn:)	
City	DENVER
State	CO
ZIP	80202
Phone (###-###-####)	8652536465
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	Chris.Sharp2@jm.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 23 Min 13 Sec
3) Permit Longitude Coordinate:	97 Deg 23 Min 34 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Streamlined Revision
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

Johns Manville SOP O1677 Minor Revision Application.pdf

Hash

B29ACF522734DAB8835C4C0A7AAD0D326B8F5D3BAACC5693D9A6967A7A471EBF

MIME-Type

application/pdf

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

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

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

1. I am John Lynn, the owner of the STEERS account ER087436.
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 1677.
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: John Lynn OWNER OPERATOR

Account Number:	ER087436
Signature IP Address:	155.190.8.6
Signature Date:	2024-09-27
Signature Hash:	4268D9CBA4878D6D6C0046A8BBEDF5F30CC7E18221419A4ECD7399CFF6525DBA
Form Hash Code at time of Signature:	37A5CFFBA25C1B54C865D026048F52C263F8C9F8D4F61A4C838065947405A9A5

Submission

Reference Number:	The application reference number is 687192
Submitted by:	The application was submitted by ER087436/John Lynn
Submitted Timestamp:	The application was submitted on 2024-09-27 at 16:09:56 CDT
Submitted From:	The application was submitted from IP address 155.190.8.6
Confirmation Number:	The confirmation number is 567075
Steers Version:	The STEERS version is 6.82
Permit Number:	The permit number is 1677

Additional Information

Application Creator: This account was created by Heriberto Quintanilla

MINOR REVISION APPLICATION

Site Operating Permit 01677

**Johns Manville
Cleburne Plant
Cleburne, Johnson County, Texas**

**CN601719065
RN100213719**

Prepared By:

**Connor McNally – Managing Consultant
Heriberto Quintanilla, P.E. – Staff Consultant**

TRINITY CONSULTANTS

9737 Great Hills Trail
Suite 340
Austin, TX 78759

September 2024



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3. ADMINISTRATIVE FORMS	3-1
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1. PROJECT INFORMATION

Johns Manville owns and operates an existing fiberglass manufacturing plant located in Cleburne, Texas. The site is currently authorized under New Source Review (NSR) Permit No. 946A, Federal Operating Permit (FOP) O1677 and various Permit-By-Rule (PBR) and Standard Permit authorizations. In the NSR permit amendment application, Johns Manville authorized higher adhesive application rates on Process Line 90. Additionally, PBR Registration Nos. 45676, 51909, and 52226 were administratively consolidated into NSR permit No. 946A. With this minor revision, Johns Manville intends to incorporate the latest issuance of NSR 946A into the Title V permit, as well as revise the pre-construction authorizations of the affected units.

2. PROCESS DESCRIPTION

Four types of fiberglass production are utilized at the Cleburne facility:

- I. **E-Glass Production** - Raw materials are fed into the E-glass line by means of a batch feeder. The materials are blended and melted before being pulled into strands. The strands are conditioned (cooled slowly) and cut to the desired lengths before being packaged and shipped to customers.
- II. **Marble Production** - Raw materials are fed into the Marble Production process via batch feeder, blended and melted before being formed into marbles. The marbles are cooled before being sent to other facility processes or shipped off-site.
- III. **Pot and Marble Fiberglass Production** - Marbles from the previous process are re-melted and pulled into fibers. The fibers are cooled and formed into a fiberglass mat before being packaged.
- IV. **HERM Fiberglass Manufacturing Process** - Raw materials are blended and fed into the furnaces of the Horizontal Electric Rotary Melt (HERM) process. Fibers are pulled directly from the furnaces and spun into a wool fiberglass mat. The fiberglass mat is formed into the desired thickness before being cut and packaged for shipping.

3. ADMINISTRATIVE FORMS

This section contains the following forms and information:

- ▶ OP-2 – Application for Permit Revision/Renewal
- ▶ OP-SUMR – Individual Unit Summary for Revisions

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

Date: 09/27/2024	
Permit No.: O1677	
Regulated Entity No.: RN100213719	
Company Name: Johns Manville	
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 type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
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: 09/27/2024
Permit No.: O1677
Regulated Entity No.: RN100213719
Company Name: Johns Manville

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-A	No	N/A	OP-REQ1	946A	Incorporate the latest amendment to NSR 946A
2	MS-C	No	PRO-LINE90	OP-UA18, OP-REQ2	946A, PSDTX1025M1	Add requirements for 30 TAC Chapter 115, Miscellaneous Industrial Adhesives. Update pre-construction authorization for the unit. PBR 106.433 got incorporated into NSR 946A
3	MS-C	No	PRO-LINE91	OP-UA18	946A, PSDTX1025M1	Remove requirements for 30 TAC Chapter 115, Surface Coating Operations. The unit is not subject to the rule.
4	MS-C	No	PRO-LINE97	OP-REQ2	946A, PSDTX1025M1	Update pre-construction authorization for the unit. PBR 106.433 got incorporated into NSR 946A
5	MS-C	No	97O1	OP-REQ2	946A, PSDTX1025M1	Update pre-construction authorization for the unit. PBR 106.433 got incorporated into NSR 946A
6	MS-C	No	97O2	OP-REQ2	946A, PSDTX1025M1	Update pre-construction authorization for the unit. PBR 106.433 got incorporated into NSR 946A

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

[Table 1](#)

Date	Permit No.	Regulated Entity No.
09/27/2024	O1677	RN100213719

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
	2	PRO-LINE90	OP-UA18, OP-REQ2	Surface Coating Operation		946A, 106.433/09/04/2000	PSDTX1025M1
	4	PRO-LINE97	OP-REQ2	Surface Coating Operation		946A, 106.433/09/04/2000	PSDTX1025M1
	5	97O1	OP-REQ2	Line 97 Oven 1		946A, 106.433/09/04/2000	PSDTX1025M1
	6	97O2	OP-REQ2	Line 97 Oven 2		946A, 106.433/09/04/2000	PSDTX1025M1

4. UNIT ATTRIBUTE FORMS

This section contains the following forms and information:

- ▶ OP-UA18 – Surface Coating Operations Attributes

**Texas Commission on Environmental Quality
Surface Coating Operations Attributes
Form OP-UA18 (Page 8)
Federal Operating Permit Program**

**Table 8a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter E, Division 2: Surface Coating Processes**

Date:	09/27/2024
Permit No.:	O1677
Regulated Entity No.:	RN100213719

Process ID No.	SOP Index No.	Alternative Compliance Method (ACM)	ACM ID No.	Facility Operations	Maintenance Shop	VOC Emission Rate	Vapor Recovery	Control Device ID No.
PRO LINE91	R5421							

**Texas Commission on Environmental Quality
Surface Coating Operations Attributes
Form OP-UA18 (Page 28)
Federal Operating Permit Program**

**Table 13: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter E, Division 7: Miscellaneous Industrial Adhesives**

Date:	09/27/2024
Permit No.:	O1677
Regulated Entity No.:	RN100213719

Process ID No.	SOP Index No.	Exemption	Alternate Control Requirement	ACR ID No.	Application Process	VOC Content Limit	Emission Control
PRO-LINE90	R5470	NONE	NONE		CON	LOW	

5. APPLICABLE REQUIREMENTS SUMMARY FORMS

This section contains the following forms and information:

- ▶ OP-REQ1, Pages 87 and 88 only – Application Area-Wide Applicability Determinations and General Information
- ▶ OP-REQ3 – Applicable Requirements Summary

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

Date:	09/27/2024
Permit No.:	O1677
RN No.:	RN100213719

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.: 946A	Issuance Date: Pending	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	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:	09/27/2024
Permit No.:	O1677
RN No.:	RN100213719

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.:	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:
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:

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program**

Table 1a: Additions

Date: 09/27/2024	Regulated Entity No.: RN100213719	Permit No.: O1677
Company Name: Johns Manville	Area Name: Cleburne Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	PRO-LINE90	OP-UA18	R5470	VOC	30 TAC Chapter 115, Miscellaneous Industrial Adhesives	§ 115.473(a)-Table 2 2 § 115.473(a), (a)(1)(A), [G](b), [G](c)(1)-(2)

**Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions**

Date: 09/27/2024	Regulated Entity No.: RN100213719	Permit No.: O1677
Company Name: Johns Manville	Area Name: Cleburne Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	PRO-LINE90	R5470	VOC	[G]§115.475	§ 115.478(b)(1), (b)(3)-(4)	

**Applicable Requirements Summary
Form OP-REQ3 (Page 3)
Federal Operating Permit Program**

Table 2a: Deletions

Date: 09/27/2024	Regulated Entity No.: RN100213719	Permit No.: O1677
Company Name: Johns Manville	Area Name: Cleburne Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
3	PRO-LINE91	OP-UA18	R5421	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.427(3)(B) [G]§ 115.422(6) § 115.426

**Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program
Table 2b: Deletions**

Date: 09/27/2024	Regulated Entity No.: RN100213719	Permit No.: O1677
Company Name: Johns Manville	Area Name: Cleburne Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
3	PRO-LINE91	OP-UA18	R5421	VOC	§ 115.426(4)	§ 115.426 § 115.426(4)	[G]§ 115.422(6)