

From: Carolyn Maus
Sent: Monday, May 19, 2025 5:46 PM
To: Kristin Stein
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility
Attachments: Revised WDP O1077 - May 2025.docx

Hi Kristin,

Thanks for the corrected forms. This is just what I needed. I have attached a revised WDP just to reflect this latest submittal. The only changes are:

- 1) Updated date in Special Term and Condition 11 to May 15, 2025 to reflect date on latest OP-PBRSUP.
- 2) Corrected PBRs listed for unit DE-1 in the NSR Authorization References by Emission Unit table from 106.261/262 to 106.512.

I will pass the file onto my team leader for her review and then we will be able to send this to public announcement/EPA review.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Thursday, May 15, 2025 4:14 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Carolyn,

The updated forms were submitted in STEERs. Please let us know if any additional changes or edits are required.

Thank you,

Kristin

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>

Sent: Friday, May 9, 2025 8:06 PM

To: Kristin Stein <Kristin.Stein@martinmarietta.com>

Cc: laura.huff@powereng.com

Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Texas Commission on Environmental Quality

Title V Existing

1077

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	MIDLOTHIAN FACILITY
Does the site have a physical address?	Yes
Physical Address	
Number and Street	245 WARD RD
City	MIDLOTHIAN
State	TX
ZIP	76065
County	ELLIS
Latitude (N) (##.#####)	32.463055
Longitude (W) (-###.#####)	97.024444
Primary SIC Code	3241
Secondary SIC Code	
Primary NAICS Code	327310
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100217199
What is the name of the Regulated Entity (RE)?	MIDLOTHIAN FACILITY
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	245 WARD RD
City	MIDLOTHIAN
State	TX
ZIP	76065
County	ELLIS
Latitude (N) (##.#####)	32.463055
Longitude (W) (-###.#####)	-97.024444
Facility NAICS Code	
What is the primary business of this entity?	50000

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN606116531
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Martin Marietta North Texas Cement, LLC
Texas SOS Filing Number	804848341
Federal Tax ID	752647000
State Franchise Tax ID	17526470004
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	101-250
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	ASH GROVE CEMENT SOUTH TEXAS LLC
Prefix	MR
First	ALAN
Middle	
Last	ROWLEY
Suffix	
Credentials	
Title	VICE PRESIDENT - OPERATIONS CEMENT DIVISION

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	245 WARD RD
Routing (such as Mail Code, Dept., or Attn:)	
City	MIDLOTHIAN
State	TX
ZIP	76065
Phone (###-###-####)	9726473406
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	alan.rowley@martinmarietta.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	New Contact
Organization Name	Martin Marietta
Prefix	MRS
First	Kristin
Middle	
Last	Stein
Suffix	
Credentials	
Title	Sr. Environmental Manager
Enter new address or copy one from list:	RE Physical Address
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	245 WARD RD
Routing (such as Mail Code, Dept., or Attn:)	
City	MIDLOTHIAN
State	TX
ZIP	76065
Phone (###-###-####)	9726473417
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	kristin.stein@martinmarietta.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 27 Min 47 Sec
3) Permit Longitude Coordinate:	97 Deg 1 Min 28 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.	1077-36096
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)	
Attach OP-2 (Application for Permit Revision/Renewal)	
Attach OP-ACPS (Application Compliance Plan and Schedule)	
Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)	
Attach OP-REQ2 (Negative Applicable Requirement Determinations)	
Attach OP-REQ3 (Applicable Requirements Summary)	
Attach OP-PBRSUP (Permits by Rule Supplemental Table)	
[File Properties]	
File Name	OP-PBRSUP 05-15-2025.pdf
Hash	3CF27537ED0FED4731C66B34FDBD99F08FAAE486E4D082E74405296F5225D5E1
MIME-Type	application/pdf
Attach OP-SUMR (Individual Unit Summary for Revisions)	
[File Properties]	
File Name	OP-SUMR 05-15-2025.pdf
Hash	5852077767D6154122E8903C9433BA792B992DFED1F2C8FC042509FB209AC034

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.

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

Certification

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

1. I am Alan Rowley, the owner of the STEERS account ER095494.
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 1077.
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: Alan Rowley OWNER OPERATOR

Account Number:	ER095494
Signature IP Address:	165.225.37.79
Signature Date:	2025-05-15
Signature Hash:	2C554A8B653F9329E3F6505780A075742D965FC9E3C9FCC529D7097B998100FB
Form Hash Code at time of Signature:	EA53A059D6D287189980744BB1A3C5D3AA787B9564AF70DCC4533D968ADE5F9E

Submission

Reference Number:	The application reference number is 786446
Submitted by:	The application was submitted by ER095494/Alan Rowley

Submitted Timestamp:

The application was submitted on 2025-05-15 at 13:44:04 CDT

Submitted From:

The application was submitted from IP address 165.225.37.79

Confirmation Number:

The confirmation number is 653313

Steers Version:

The STEERS version is 6.91

Permit Number:

The permit number is 1077

Additional Information

Application Creator: This account was created by Laura M Huff

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1**

Date	Permit No.	Regulated Entity No.
05/15/2025	O1077	RN100217199

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	E2-10A	OP-SUMR	CKD Drop from Truck		1360A	
D	2	E3-59	OP-SUMR	New Clinker Barn Diverter Bin Dust Collector Stack		1360A	PSDTX632M2
D	3	E3-60	OP-SUMR	FM#6 Clinker Bin Discharge to New FM#5 Belt Dust Collector Stack		1360A	PSDTX632M2
D	4	E3-60A	OP-SUMR	New FM#5 Belt Discharge to FM#5 Dust Collector Stack		1360A	PSDTX632M2
D	5	E7-03	OP-SUMR	Gypsum Drop to Bucket Elevator Dust Collector Stack		1360A	PSDTX632M2
D	6	E7-08	OP-SUMR	Fringe Bin Dust Collector Stack		1360A	PSDTX632M2
D	7	E7-14	OP-SUMR	New Cement Silo Receiving from FM#6 Dust Collector Stack		1360A	PSDTX632M2
D	8	E7-14A	OP-SUMR	Transfer Tower Cement from FM#6 to New Silos Dust Collector Stack		1360A	PSDTX632M2
A	9	E3-24A	OP-UA33	New BH at New Transfer Tower to FM5		1360A	
A	10	E3-33E	OP-UA33	Transfer Tower Clinker Dust Collector Stack		1360A	
A	11	E7-01A	OP-UA33	Additive Hopper Drop		1360A	

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

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

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1 (continued)**

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	12	E7-02A	OP-UA33	Additive Hopper Dust Collector Stack		1360A	
A	13	E7-05A	OP-UA33	Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack		1360A	
A	14	E7-05B	OP-UA33	Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack		1360A	
A	15	E7-05C	OP-UA33	Additive Bin 4 Weighfeeder and FM7 Feed Belt Dust Collector Stack		1360A	
A	16	E7-07A	OP-UA33	Additive Bin 4 Top Dust Collector Stack		1360A	
A	17	E7-10A	OP-UA33	Mill Recirculation Circuit Dust Collector Stack		1360A	
D	18	P-23	OP-SUMR	Motor Oil Tank		106.478/09/04/2000	
D	19	P-30	OP-SUMR	Anti Freeze Tank		106.478/09/04/2000	
D	20	P-31	OP-SUMR	Kerosene Tank		106.478/09/04/2000	
D	21	P-32	OP-SUMR	Oil Tank		106.478/09/04/2000	
D	22	P-9	OP-SUMR	9,000 Gallon Diesel Storage Tank		106.478/09/04/2000	
A	23	TANK2	OP-UA3	Diesel Storage Tank (12,000 gal)		106.472/09/04/2000	
A	24	TANKA	OP-UA3	Engine Oil Tank		106.472/09/04/2000	
A	25	TANKB	OP-UA3	Hydraulic Oil Tank		106.472/09/04/2000	
A	26	TANKC	OP-UA3	30W Transmission Fluid Tank		106.472/09/04/2000	

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

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

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1 (continued)**

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	27	TANKD	OP-UA3	Coolant Tank		106.472/09/04/2000	
A	28	E1-45	OP-SUMR	Crusher		106.261/106.262/11/01/2003[172168]	
A	29	DE1	OP-UA2	Engine for Crusher		106.512/06/13/2001 [172168]	
A	30	E1-40	OP-SUMR	Additive Stockpile		106.261/11/01/2003 [168509]	
A	31	E1-40A	OP-UA33	Line 1 Drop from Loader to Hopper		106.261/11/01/2003 [168509]	
A	32	E1-40B	OP-UA33	Line 1 Hopper Drop to Belt		106.261/11/01/2003 [168509]	
A	33	E1-40C	OP-UA33	Line 1 Belt Drop to Conveyor		106.261/11/01/2003 [168509]	
A	34	E1-41	OP-SUMR	Additive Stockpile		106.261/11/01/2003 [168509]	
A	35	E1-41A	OP-UA33	Line 2 Drop from Loader to Hopper		106.261/11/01/2003 [168509]	
A	36	E1-41B	OP-UA33	Line 2 Hopper Drop to Belt		106.261/11/01/2003 [168509]	
A	37	E1-41C	OP-UA33	Line 2 Belt Drop to Conveyor		106.261/11/01/2003 [168509]	
A	38	FP-ENG	OP-UA2	Fire Pump Engine		106.511/09/04/2000	
A	39	FP-TK	OP-UA3	Fire Pump Diesel Tank		106.472/09/04/2000	

**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
05/15/2025	O1077	RN100217199

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
1	E2-10A	OP-SUMR	D	GRP-P-1
2	E3-59	OP-SUMR	D	GRPFM7BH
3	E3-60	OP-SUMR	D	GRPFM7BH
4	E3-60A	OP-SUMR	D	GRPFM7BH
5	E7-03	OP-SUMR	D	GRPFM7BH
6	E7-08	OP-SUMR	D	GRPFM7RAW
7	E7-14	OP-SUMR	D	GRPFM7FNST
8	E7-14A	OP-SUMR	D	GRPFM7FNST
9	E3-24A	OP-UA33	A	GRPFM7BH
10	E3-33E	OP-UA33	A	GRPFM7BH
11	E7-01A	OP-UA33	A	GRPFM7DROP
12	E7-02A	OP-UA33	A	GRPFM7BH
13	E7-05A	OP-UA33	A	GRPFM7RAW

**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2 (continued)**

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
14	E7-05B	OP-UA33	A	GRPFM7RAW
15	E7-05C	OP-UA33	A	GRPFM7RAW
16	E7-07A	OP-UA33	A	GRPFM7RAW
17	E7-10A	OP-UA33	A	GRPFM7BH
18	P-23	OP-SUMR	D	GRPTANK1
19	P-30	OP-SUMR	D	GRPTANK1
20	P-31	OP-SUMR	D	GRPTANK1
21	P-32	OP-SUMR	D	GRPTANK1
22	P-9	OP-SUMR	D	GRPTANK
23	TANK2	OP-UA3	A	GRPTANK
24	TANKA	OP-UA3	A	GRPTANK2
25	TANKB	OP-UA3	A	GRPTANK2
26	TANKC	OP-UA3	A	GRPTANK2
27	TANKD	OP-UA3	A	GRPTANK2
30	E1-40	OP-SUMR	A	GRP-P-1
31	E1-40A	OP-UA33	A	GRPADD

**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2 (continued)**

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
32	E1-40B	OP-UA33	A	GRPADD
33	E1-40C	OP-UA33	A	GRPADD
34	E1-41	OP-SUMR	A	GRP-P-1
35	E1-41A	OP-UA33	A	GRPADD
36	E1-41B	OP-UA33	A	GRPADD
37	E1-41C	OP-UA33	A	GRPADD
39	FP-TNK	OP-UA3	A	GRPTNK2

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E1-10	49617	106.261	02/05/2002
E2-10G	50056	106.261	03/21/2002
E3-13	49617	106.261	02/05/2002
E3-13A	83128	106.261	06/05/2007
E3-13D	91551	106.261	01/08/2010
E3-13E	91551	106.261	01/08/2010
E3-33B	81823	106.261	06/05/2007
E3-33C	81823	106.261	06/05/2007
E3-33D	81823	106.261	06/05/2007
E3-51B	83073	106.261	10/25/2007

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O-1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E3-51C	83073	106.261	10/25/2007
E6-4A	88314	106.262	05/26/2009
ALTF-BH1	153907	106.262	4/21/2023
ALTF-BH2	153907	106.262	4/21/2023
DROPS	153907	106.262	4/21/2023
E3-52B	156226	106.261	05/01/2019
E3-52C	156226	106.261	05/01/2019
E3-52D	156226	106.261	05/01/2019
E1-10A	156226	106.261	05/01/2019
E1-37	156226	106.261	05/01/2019
E1-38	156226	106.261	05/01/2019
E3-45A	156226	106.261	05/01/2019

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O-1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E1-40	168509	106.261	4/14/2022
E1-40A	168509	106.261	4/14/2022
E1-40B	168509	106.261	4/14/2022
E1-40C	168509	106.261	4/14/2022
E1-41	168509	106.261	4/14/2022
E1-41A	168509	106.261	4/14/2022
E1-41B	168509	106.261	4/14/2022
E1-41C	168509	106.261	4/14/2022
E1-45	172168	106.261/106.262	4/21/2023
DE-1	172168	106.512	4/21/2023
E1-31	149552	106.261	12/22/2017
E2-11A	149552	106.261	12/22/2017

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date
ME-0042	106.511	9/4/2000
P-20	106.478	9/4/2000
Tank 4	106.478	9/4/2000
Tank 1	106.478	9/4/2000
GA-TANK1	106.472	9/4/2000
GA-TANK2	106.472	9/4/2000
Tank 2	106.472	9/4/2000
Tank A	106.472	9/4/2000
Tank B	106.472	9/4/2000
Tank C	106.472	9/4/2000
Tank D	106.472	9/4/2000
WELD	106.227	9/4/2000
PAINT	106.263	9/4/2000

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date
BLASTCLEAN	106.263	9/4/2000
HANDHELD	106.265	9/4/2000
SOLV	106.454	9/4/2000
DUST	106.144	9/4/2000
CTWR	106.371	9/4/2000
FP-ENG	106.511	9/4/2000
FP-TNK	106.472	9/4/2000

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O1077	RN100217199

PBR No.	Version No./Date
Not applicable	

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

Date	Permit Number	Regulated Entity Number
05/15/2025	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-10	106.261	49617	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E2-10G	106.261	50056	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPMTTRANS2.
E3-13	106.261	49617	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.
E3-13A	106.261	83128	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.
E3-13D	106.261	91551	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-13E	106.261	91551	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E3-33B	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-33C	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-33D	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-51B	106.261	83073	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPSYNGYP.
E3-51C	106.261	83073	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPSYNGYP.
E6-4A	106.262	88314	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
ALTF-BH1	106.262	153907	Utilize operating parameters, such as material throughput, to calculate emissions to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emission checks in accordance with the requirements of 40 CFR Part 63, Subpart LLL, to ensure baghouse is operating properly and demonstrate compliance with opacity limitation. Maintain records on-site.
ALTF-BH2	106.262	153907	Utilize operating parameters, such as material throughput, to calculate emissions to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emission checks in accordance with the requirements of 40 CFR Part 63, Subpart LLL, to ensure baghouse is operating properly and demonstrate compliance with opacity limitation. Maintain records on-site.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
DROPS	106.262	153907	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRP-ALTSF.
E3-52B	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-52C	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-52D	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E1-10A	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-37	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-38	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E3-45A	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
ME-0042	106.511	9/4/2000	Monitor the operating hours in accordance with the requirements of 30 TAC Chapter 117 and maintain records on-site to demonstrate the unit complies with the requirements of PBR 106.511.
P-20	106.478	9/4/2000	AP-42 Emission calculations maintained on-site documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
Tank 4	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
Tank 1	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
GA-TANK1	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
GA-TANK2	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
E1-40	106.261	168509	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-40A	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-40B	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-40C	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41	106.261	168509	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-41A	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41B	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41C	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-45	106.261/106.262	172168	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261 and 106.262. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077.
DE-1	106.512	172168	Facility will ensure liquid fuel (petroleum distillate oil) that is not a blend containing waste oils or solvents and contains less than 0.3% by weight sulfur will be used in the engine.
Tank 2	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank A	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
Tank B	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank C	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank D	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
WELD	106.227	9/4/2000	Maintain records to demonstrate that brazing, soldering or welding equipment does not emit greater than 0.6 ton per year of lead.
PAINT	106.263	9/4/2000	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
BLASTCLEAN	106.263	9/4/2000	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
HANDHELD	106.265	9/4/2000	Observe handheld equipment and verify the tools will only perform the functions listed in PBR 106.265.
SOLV	106.454	9/4/2000	Maintain records documenting the total solvent makeup (gross usage minus waste disposal) is 110 gallons per year or less and the true vapor pressure of the solvent does not exceed 0.6 psia at an operating temperature of 100 degrees Fahrenheit.
DUST	106.144	9/4/2000	Maintain records of the baghouse filtering velocity. Clean and/or water roads in accordance with the requirements of NSR Permit 1360A, Special Condition 10.
CTWR	106.371	9/4/2000	There are no ongoing requirements in PBR 106.371 to monitor.
FP-ENG	106.511	9/4/2000	Monitor run time hours to ensure unit operates less than 876 hours/year.
FP-TNK	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-31	106.261	149552	Monitor and maintain records in accordance with requirements in Permit No. 1360A.
E2-11A	106.261	149552	Monitor and maintain records in accordance with requirements in Permit No. 1360A.

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Monday, May 12, 2025 7:08 AM
To: Carolyn Maus
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Thank you, Carolyn,

We will update accordingly. If we have any questions we will be in touch.

Thanks,

Kristin

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, May 9, 2025 8:06 PM
To: Kristin Stein <Kristin.Stein@martinmarietta.com>
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

EXTERNAL SENDER – PLEASE ASSESS AND VERIFY

Hi Kristin,

I know it's been a long while but we had some older projects and some projects that had public comments that we needed to get out the door first. Anyway now we are getting ready to send this minor revision out to public announcement. It has gone through our internal quality review. I found a few issues with PBR authorizations while addressing the feedback from that review. Here are the corrections we need:

- 1) **Form OP-PBRSUP:** Units P-23, P-30, P-31, P-32 and P-9 were removed from the permit in this revision. The unit IDs were removed from Table B of the OP-PBRSUP, but the corresponding entries on Table D are still present. Please remove the entries for those five units from Table D. Then, re-date all four tables and re-submit as a set. (For your reference, the last OP-PBRSUP submitted was dated June 27, 2024, so make sure you start with that version to make the changes.)
- 2) **Form OP-SUMR:** DE-1 was listed on the form dated June 27, 2024 as being authorized by 106.261 and 106.262, same as the crusher E1-45. However, the OP-PBRSUP lists 106.512 for DE-1. I believe 106.512 should be the correct portion of that PBR registration for the engine DE-1, but please confirm and correct the OP-SUMR.

These corrected forms do need to be certified, so you can either upload them in STEERS and have the RO sign/submit, or you may submit an OP-CRO1. If you choose the OP-CRO1, you may send me a scanned copy to meet the deadline, but please follow up with the wet ink original in the mail.

Please provide the requested information by **Friday, May 16, 2025**.

Thanks and I apologize for not catching this sooner.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

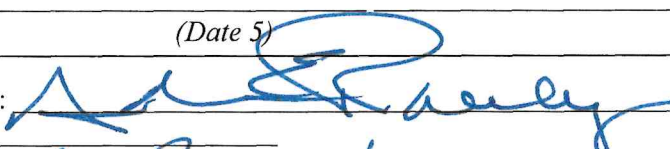
All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified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

I. Identifying Information	
RN: RN100217199	
CN: CN606116531	
Account No.: ED-0066-B	
Permit No.: O1077	
Project No.: 36096	
Area Name: Midlothian Facility	
Company Name: Martin Marietta North Texas Cement, LLC	
II. Certification Type <i>(Please mark appropriate box)</i>	
<input checked="" type="checkbox"/> Responsible Official Representative	<input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>	
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____	

OCT 18 2024

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

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

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Alan Rowley</u>		certify that I am the _____ Responsible Official	
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:			
<i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From _____ to _____			
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: <u>02/15/2024</u> <u>06/28/2024</u> _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	<i>(Date 3)</i>
<i>(Date 4)</i>		<i>(Date 5)</i>	
<i>(Date 6)</i>			
Signature: <u></u>		Signature Date: <u>10/7/2024</u> Title: _____	
Title: <u>Vice President Cement Operations</u>			

From: Carolyn Maus
Sent: Monday, October 7, 2024 5:27 PM
To: Kristin Stein
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Thanks for the speedy response! I will prepare the file for our internal quality and management review after which we will send it to public announcement. I'll let you know if any further questions arise but I do not expect any issues.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Monday, October 7, 2024 4:20 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Good Afternoon,

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Monday, October 7, 2024 4:20 PM
To: Carolyn Maus
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility
Attachments: Martin Marietta Midlothian Facility OP-CRO 10.7.2024.pdf

Good Afternoon,

Attached is an updated OP-CRO form for Martin Marietta Midlothian Facility. I will also mail the original hard copy.

Thanks,

Kristin

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Friday, October 4, 2024 12:11 PM
To: Kristin Stein <Kristin.Stein@martinmarietta.com>
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Kristin,

Thanks for your patience in me getting this back to you. Attached is a revised WDP reflecting the changes made based on your responses and comments. Below is a list of changes. Items 1-3 are from your tracked changes in the WDP document. Items 4-are based on your responses to my Unresolved Items list. (Most of your responses did not result in any further changes because you were just confirming your agreement with what I had done in the first draft or correcting form typos.)

- 1) Corrected company name and site name on permit face.
- 2) Updated submittal date for latest PBR Supplemental Tables (OP-PBRSUP) in Special Term and Condition 11.
- 3) Corrected opacity values listed in NSPS OOO PM table for GRPADD to 7%. Also corrected deviation limit wording to say "opacity exceeds 7%" rather than "opacity limit exceeds 7%".
- 4) Added 106.261/11/01/2003 with registration number 149552 to units E1-31 and E2-11A based on OP-PBRSUP update.
- 5) Corrected citation formatting and textual description for all remaining units subject to 111.111(a)(8) to make consistent with the new units.

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

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

I. Identifying Information
RN: RN100217199
CN: CN606116531
Account No.: ED-0066-B
Permit No.: O1077
Project No.: 36096
Area Name: Midlothian Facility
Company Name: Martin Marietta North Texas Cement, LLC
II. Certification Type <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____

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

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

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, Alan Rowley certify that I am the _____ Responsible Official
(Certifier Name printed or typed) (RO or DAR)

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From _____ to _____
(Start Date) (End Date)

Specific Dates: 02/15/2024 06/28/2024 _____
(Date 1) (Date 2) (Date 3) (Date 4)

(Date 5) (Date 6)

Signature: Alan Rowley Signature Date: 10/7/2024 Title:

Title: Vice President Genert Operations

From: Carolyn Maus
Sent: Friday, October 4, 2024 12:11 PM
To: Kristin Stein
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility
Attachments: Revised WDP O1077.docx

Hi Kristin,

Thanks for your patience in me getting this back to you. Attached is a revised WDP reflecting the changes made based on your responses and comments. Below is a list of changes. Items 1-3 are from your tracked changes in the WDP document. Items 4-are based on your responses to my Unresolved Items list. (Most of your responses did not result in any further changes because you were just confirming your agreement with what I had done in the first draft or correcting form typos.)

- 1) Corrected company name and site name on permit face.
- 2) Updated submittal date for latest PBR Supplemental Tables (OP-PBR SUP) in Special Term and Condition 11.
- 3) Corrected opacity values listed in NSPS OOO PM table for GRPADD to 7%. Also corrected deviation limit wording to say "opacity exceeds 7%" rather than "opacity limit exceeds 7%".
- 4) Added 106.261/11/01/2003 with registration number 149552 to units E1-31 and E2-11A based on OP-PBR SUP update.
- 5) Corrected citation formatting and textual description for all remaining units subject to 111.111(a)(8) to make consistent with the new units.
- 6) Added FP-TNK to GRPTANK2 since you confirmed it had the same loading/unloading requirements as the other group members. Also appears in NSR Authorization References table.

Please check the revised draft to make sure the changes look correct. Let me know if there are any remaining issues by **Monday, October 14, 2024**. Also, please provide an OP-CRO1 to certify the previous responses. Based on my records, the only updates were your email from 2/15/2024 confirming you would be the new technical contact and then your WDP comments/responses on 6/28/2024. You can list those as Specific Dates on the form or you can use the Time Period option with a date range that will cover those. If you have any additional comments on October 14, please ensure the form covers that date also. You may email me a scan of the form but please follow up after with the wet ink original in the mail.

Thanks for your work on this project. Feel free to contact me with any questions.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163

Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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at www.tceq.texas.gov/customersurvey

From: Carolyn Maus
Sent: Friday, June 28, 2024 10:18 AM
To: Kristin Stein <Kristin.Stein@martinmarietta.com>
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Thanks, Kristin! I will look over your responses and prepare a revised WDP to send back to you all.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1400



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

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Friday, June 28, 2024 9:47 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Good Morning Carolyn,

Please see attached Martin Marietta North Texas Cement, LLC (Midlothian Facility) NOD responses, updated TCEQ forms, and draft WDP O1077 with tracked changes.

Please feel free to contact me if you any question or Laura Huff with any questions.

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Friday, June 28, 2024 9:47 AM
To: Carolyn Maus
Cc: laura.huff@powereng.com
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility
Attachments: Midlothian Unresolved Items 06.28.2024.pdf; Attachment A - TCEQ Forms.pdf; Attachment B - WDP O1077_w tracked changes.docx

Good Morning Carolyn,

Please see attached Martin Marietta North Texas Cement, LLC (Midlothian Facility) NOD responses, updated TCEQ forms, and draft WDP O1077 with tracked changes.

Please feel free to contact me if you any question or Laura Huff with any questions.

Thank you,

Kristin

Kristin Stein, Sr. Environmental Manager
Martin Marietta – Midlothian Facility
245 Ward Road, Midlothian, Tx 76065
O: 972-647-3417 M:830-221-5103



From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Wednesday, June 19, 2024 11:00 AM
To: Kristin Stein <Kristin.Stein@martinmarietta.com>
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Kristin,

Yes, that is fine. Also, just for clarification, if you wish to wait until we've resolved all comments to certify all the comments/responses at once, that is acceptable.

-Carolyn

Sincerely,



Kristin Stein

Sr. Environmental Manager
Midlothian Cement

June 28, 2024

Ms. Carolyn Maus, P.E.
OA/Air Permits Division/OP Section
Texas Commission on Environmental Quality
MC-163, P.O. Box 13087
Austin, TX 78711-3087

via email

Subject: Response to Unresolved Items and Working Draft Permit
Sent via Email on June 2, 2024
Martin Marietta North Texas Cement, LLC/Midlothian Facility
Midlothian, Ellis County, Texas
FOP O1077/Project 36096

Dear Ms. Maus:

Martin Marietta North Texas Cement, LLC (MMNTC) is submitting the following comments in response to your email dated June 2, 2024, containing the working draft permit and the list of Unresolved Items. The Unresolved Items are identified below along with our responses in bold text.

1. OP-PBRSUP:

- a. In our NSR database, there are two active PBR registrations that were not listed on Table A. These are registrations 149552 and 174804 (this one was issued after the application came in). Please add these authorizations to Table A and Table D.

PBR 149552 has been added to the OP-PBRSUP form included with this submittal. PBR 174804 authorizes temporary emission units which are anticipated to be removed within the next six months; therefore, the emission units have not been added to the Title V and this PBR has not been included on the OP-PBRSUP form.

- b. For Table C, could you include this table and just mark N/A or something similar in the first row of the table? That will provide clarity in the file that none of these “insignificant source” PBRs are used.

Table C has been included with the updated OP-PBRSUP form submitted with this response.

- c. When you submit the updates, please submit all four tables as a set (even if one has no changes) and re-date. This way I can update the reference to these tables in the permit.

The complete OP-PBRSUP form with all four tables is included with this submittal.

2. OP-REQ1:

- a. For question VIII.GG.2, for applicable Part 63 subparts that are not addressed on the OP-REQ2, the answer listed Subpart LLL, IIII, and ZZZZ. LLL and ZZZZ are correct. However, the permit does not include any MACT IIII requirements. If that was meant to

refer to NSPS IIII, that should not be included since it is not from Part 63. Please submit a corrected page.

A corrected page 75 of the OP-REQ1 form is included with this submittal.

- b. For section XII.I, the version date for PBR 106.263 was listed as 11/01/2000 but the correct date should be 11/01/2001. Please submit a corrected page.

A corrected page 88 of the OP-REQ1 form is included with this submittal.

- 3. For the units on the OP-SUMR that are authorized by registered PBRs, the dates listed after the PBR numbers were the registration dates. However, this form is asking for the version dates of the PBRs themselves, since those are the dates that will appear in the permit document. Please submit a corrected form listing the version dates.

A corrected form OP-SUMR is included with this submittal.

- 4. For the units that have the case-by-case Chapter 111 monitoring for the limit under 111.111(a)(8), the format for the requirements that was done in the existing permit was not quite right. I have made the following corrections for any new units that have these requirements and also to GRPFM7DROP to which a new unit was added. I did not change any other existing units/groups that were not part of this project, but please let me know if you'd like me to update those too.
 - a. Rather than 111.111(a)(8), the main standard should be 111.111(a)(8)(A) since that is what contains the opacity limit. That appears in Applicable Requirements Summary Table and Periodic Monitoring Summary.
 - b. The textual description should be from 111.111(a)(8)(A), not language referring to stationary vents under 111.111(a)(1)(B), so I updated it.
 - c. Grouped 111.111(a)(8)(B) since it has subparagraphs.

MMNTC agrees with these changes and requests that the existing groups and units with applicability to 111.111(a)(8) be updated with the correct language and citations to be consistent throughout the permit.

- 5. For unit E2-10A, the application requested to remove from GRP-P-1, which I did. For now, I just kept the same Chapter 111 requirement with the case-by-case periodic monitoring that it had as part of the group. However, I was not sure about any federal applicability. Please let me know if this unit will need any requirements from NSPS OOO, NSPS F, MACT LLL, etc., and if so provide OP-UA33 with the information.

MMNTC agrees with the Chapter 111 requirements shown in the WDP. This emission unit has no federal applicability.

- 6. E1-40 and E1-41 could not be added to GRP-P-1 because that group has permit shields. Adding new units to it would be adding those shields to the new units, which cannot be done in a minor revision. Therefore, E-40 and E-41 have been added individually with the same Chapter 111/periodic monitoring requirements that GRP-P-1 had. Please list E-40 and E-41 on UA-1 and OP-MON to confirm.

Emission units E1-40 and E1-41 have been added to the OP-UA1 form and OP-MON forms, which are included with this submittal.

7. I added E1-45 with the requested Chapter 111 monitoring. I did correct a typo in the deviation limit wording from the OP-MON – where it said “opacity limit exceeds 30%” that should be “opacity exceeds 30%”. Please list the unit on UA-1 for this rule. Also, I saw the application indicated there were no federal requirements. Can you confirm the reasons why the crusher will not have NSPS OOO or F requirements? That way I can document it in the file.

Emission unit E1-45 has been added to the OP-UA1 form included with this submittal. The crusher, EPN E1-45, has no federal applicability. New Source Performance Standards (NSPS) Subpart LL does not apply since the Midlothian Facility is not mining the bauxite being crushed. In addition, the material is being processed to reduce the size and not to produce a metallic mineral concentrate. Crushers are not affected sources subject to NSPS Subpart F and National Emission Standards for Hazardous Air Pollutants Subpart LLL; therefore, these regulations do not apply. NSPS Subpart OOO does not apply to the crusher. The materials being crushed are metallic minerals, processed products or byproducts that are not nonmetallic minerals as defined in 40 Code of Federal Regulations 60.671.

8. For GRPADD:

- a. Please list the group on UA-1 for the Chapter 111 rule (I have already added the requested monitoring to the permit with the relevant citations). I corrected one typo in the deviation limit wording – “opacity limit exceeds 30%” should be “opacity exceeds 30%”.

GRPADD has been added to the OP-UA1 form included with this submittal.

- b. The group requires periodic monitoring for the opacity limit in 60.672(b)-Table 3 (NSPS OOO). Since it was the same pollutant, I added the same monitoring that you had requested for Chapter 111, except in the deviation limit and periodic monitoring text, I replaced 30% with 10%, the limit from NSPS OOO. If this is acceptable, please provide an OP-MON to confirm, or request other monitoring.

An OP-MON form has been prepared for GRPADD to add periodic monitoring for NSPS OOO and is included with this submittal. Please note that the opacity limit for NSPS OOO for this group is 7%.

9. For several of the new units added to GRPFM7RAW, the unit name/description requested on the OP-SUMR exceeded our 50-character limit. I adjusted the following, but let me know if you'd like to shorten the names some other way.
- a. E7-05A: Shortened “Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack” to “Gypsum Weighfeeder/Mill Feed Belt Dust Coll Stk”
 - b. E7-05B: Shortened “Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack” to “Limestone Weighfeeder/Mill Feed Belt Dust Coll Stk”
 - c. E7-05C: Shortened “Additive Bin 4 Weighfeeder and FM7 Feed Belt Dust Collector Stack” to “Add. Bin 4 Weighfeeder/FM7 Feed Blt Dust Coll Stk”

OA/Air Permits Division/OP Section
June 28, 2024

MMNTC agrees with the changes noted above.

10. TANK2 could not be added to GRPTANK for several reasons. First, GRPTANK has a permit shield, so adding TANK2 would be adding that same shield to the new unit, which cannot be done in a minor revision. Second, the unit attributes for TANK2 are not the same as GRPTANK. GRPTANK has negative applicability attributes for NSPS K and TANK2 has negative applicability attributes for NSPS Kb. GRPTANK also has different attributes on UA-04 than TANK2. Therefore, TANK2 was added individually. Let me know if you have questions.

MMNTC agrees with this approach for TANK2.

11. TANKD was added individually instead of as part of GRPTANK2 because TANKD had different NSPS Kb unit attributes than the other units in GRPTANK2. Let me know if you have questions.

MMNTC agrees with this approach for TANKD.

12. The application requested to add FP-TNK as part of GRPTANK2. However, the other units in the group were on both UA-03 and UA-04, but FP-TNK was only on UA-03. Therefore, for now I have added FP-TNK individually to our database with its UA-03 data. If it should also have the same attributes/requirements from UA-04 (Chapter 115, Loading and Unloading of VOC) as the rest of the group, please let me know and I can add it to the group. Since right now all it has is the negative applicability data from UA-03, it does not yet appear in the permit. As an additional note, when units are part of a group, the group ID is what should be used on the unit attribute forms. That helps with efficiency, clarity, and also helps avoid issues like accidental data discrepancies between group members.

MMNTC requests that FP-TNK remain in GRPTANK2. FP-TNK has been added to the OP-UA4 form, which is attached to this submittal.

Comments on the working draft permit are attached. If you have questions or need additional information, please let me know.

Sincerely,



Kristin Stein
Environmental Manager

Attachments

c: Mr. Thomas Sullivan, Martin Marietta
Ms. Laura Huff, POWER Engineers, Inc.
EPA Region 6, via email (R6AirPermitsTX@epa.gov)

Attachment A
Revised Forms:
OP-PBRSUP
OP-REQ1 (Pages 75 and 78)
OP-SUMR
OP-UA1
OP-MON (E1-40)
OP-MON (E1-41)
OP-MON (GRPADD)
OP-UA4

Attachment B
Working Draft Permit with Tracked Changes

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E1-10	49617	106.261	02/05/2002
E2-10G	50056	106.261	03/21/2002
E3-13	49617	106.261	02/05/2002
E3-13A	83128	106.261	06/05/2007
E3-13D	91551	106.261	01/08/2010
E3-13E	91551	106.261	01/08/2010
E3-33B	81823	106.261	06/05/2007
E3-33C	81823	106.261	06/05/2007
E3-33D	81823	106.261	06/05/2007
E3-51B	83073	106.261	10/25/2007

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O-1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E3-51C	83073	106.261	10/25/2007
E6-4A	88314	106.262	05/26/2009
ALTF-BH1	153907	106.262	4/21/2023
ALTF-BH2	153907	106.262	4/21/2023
DROPS	153907	106.262	4/21/2023
E3-52B	156226	106.261	05/01/2019
E3-52C	156226	106.261	05/01/2019
E3-52D	156226	106.261	05/01/2019
E1-10A	156226	106.261	05/01/2019
E1-37	156226	106.261	05/01/2019
E1-38	156226	106.261	05/01/2019
E3-45A	156226	106.261	05/01/2019

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O-1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E1-40	168509	106.261	4/14/2022
E1-40A	168509	106.261	4/14/2022
E1-40B	168509	106.261	4/14/2022
E1-40C	168509	106.261	4/14/2022
E1-41	168509	106.261	4/14/2022
E1-41A	168509	106.261	4/14/2022
E1-41B	168509	106.261	4/14/2022
E1-41C	168509	106.261	4/14/2022
E1-45	172168	106.261/106.262	4/21/2023
DE-1	172168	106.512	4/21/2023
E1-31	149552	106.261	12/22/2017
E2-11A	149552	106.261	12/22/2017

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date
ME-0042	106.511	9/4/2000
P-20	106.478	9/4/2000
Tank 4	106.478	9/4/2000
Tank 1	106.478	9/4/2000
GA-TANK1	106.472	9/4/2000
GA-TANK2	106.472	9/4/2000
Tank 2	106.472	9/4/2000
Tank A	106.472	9/4/2000
Tank B	106.472	9/4/2000
Tank C	106.472	9/4/2000
Tank D	106.472	9/4/2000
WELD	106.227	9/4/2000
PAINT	106.263	9/4/2000

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date
BLASTCLEAN	106.263	9/4/2000
HANDHELD	106.265	9/4/2000
SOLV	106.454	9/4/2000
DUST	106.144	9/4/2000
CTWR	106.371	9/4/2000
FP-ENG	106.511	9/4/2000
FP-TNK	106.472	9/4/2000

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O1077	RN100217199

PBR No.	Version No./Date
Not applicable	

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

Date	Permit Number	Regulated Entity Number
06/27/2024	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-10	106.261	49617	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E2-10G	106.261	50056	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPMTTRANS2.
E3-13	106.261	49617	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.
E3-13A	106.261	83128	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.
E3-13D	106.261	91551	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-13E	106.261	91551	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E3-33B	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-33C	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-33D	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-51B	106.261	83073	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPSYNGYP.
E3-51C	106.261	83073	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPSYNGYP.
E6-4A	106.262	88314	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
ALTF-BH1	106.262	153907	Utilize operating parameters, such as material throughput, to calculate emissions to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emission checks in accordance with the requirements of 40 CFR Part 63, Subpart LLL, to ensure baghouse is operating properly and demonstrate compliance with opacity limitation. Maintain records on-site.
ALTF-BH2	106.262	153907	Utilize operating parameters, such as material throughput, to calculate emissions to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emission checks in accordance with the requirements of 40 CFR Part 63, Subpart LLL, to ensure baghouse is operating properly and demonstrate compliance with opacity limitation. Maintain records on-site.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
DROPS	106.262	153907	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRP-ALTSF.
E3-52B	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-52C	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-52D	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E1-10A	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-37	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-38	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E3-45A	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
ME-0042	106.511	9/4/2000	Monitor the operating hours in accordance with the requirements of 30 TAC Chapter 117 and maintain records on-site to demonstrate the unit complies with the requirements of PBR 106.511.
P-20	106.478	9/4/2000	AP-42 Emission calculations maintained on-site documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
P-23	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-30	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-31	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-32	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-9	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
Tank 4	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
Tank 1	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
GA-TANK1	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
GA-TANK2	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
E1-40	106.261	168509	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-40A	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-40B	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-40C	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41	106.261	168509	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-41A	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41B	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-41C	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-45	106.261/106.262	172168	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261 and 106.262. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077.
DE-1	106.512	172168	Facility will ensure liquid fuel (petroleum distillate oil) that is not a blend containing waste oils or solvents and contains less than 0.3% by weight sulfur will be used in the engine.
Tank 2	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank A	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank B	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank C	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank D	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
WELD	106.227	9/4/2000	Maintain records to demonstrate that brazing, soldering or welding equipment does not emit greater than 0.6 ton per year of lead.
PAINT	106.263	9/4/2000	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.

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

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
BLASTCLEAN	106.263	9/4/2000	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
HANDHELD	106.265	9/4/2000	Observe handheld equipment and verify the tools will only perform the functions listed in PBR 106.265.
SOLV	106.454	9/4/2000	Maintain records documenting the total solvent makeup (gross usage minus waste disposal) is 110 gallons per year or less and the true vapor pressure of the solvent does not exceed 0.6 psia at an operating temperature of 100 degrees Fahrenheit.
DUST	106.144	9/4/2000	Maintain records of the baghouse filtering velocity. Clean and/or water roads in accordance with the requirements of NSR Permit 1360A, Special Condition 10.
CTWR	106.371	9/4/2000	There are no ongoing requirements in PBR 106.371 to monitor.
FP-ENG	106.511	9/4/2000	Monitor run time hours to ensure unit operates less than 876 hours/year.
FP-TNK	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
E1-31	106.261	149552	Monitor and maintain records in accordance with requirements in Permit No. 1360A.
E2-11A	106.261	149552	Monitor and maintain records in accordance with requirements in Permit No. 1360A.

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

Date:	06/27/2024
Permit No.:	O1077
RN No.:	RN100217199

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date:	06/27/2024
Permit No.:	O1077
RN No.:	RN100217199

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.261	Version No./Date: 09/04/2000
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.478	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.371	Version No./Date: 09/04/2000
PBR No.: 106.512	Version No./Date: 06/13/2001
PBR No.: 106.227	Version No./Date: 09/04/2000
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.265	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.144	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1**

Date	Permit No.	Regulated Entity No.
06/27/2024	O1077	RN100217199

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	E2-10A	OP-SUMR	CKD Drop from Truck		1360A	
D	2	E3-59	OP-SUMR	New Clinker Barn Diverter Bin Dust Collector Stack		1360A	PSDTX632M2
D	3	E3-60	OP-SUMR	FM#6 Clinker Bin Discharge to New FM#5 Belt Dust Collector Stack		1360A	PSDTX632M2
D	4	E3-60A	OP-SUMR	New FM#5 Belt Discharge to FM#5 Dust Collector Stack		1360A	PSDTX632M2
D	5	E7-03	OP-SUMR	Gypsum Drop to Bucket Elevator Dust Collector Stack		1360A	PSDTX632M2
D	6	E7-08	OP-SUMR	Fringe Bin Dust Collector Stack		1360A	PSDTX632M2
D	7	E7-14	OP-SUMR	New Cement Silo Receiving from FM#6 Dust Collector Stack		1360A	PSDTX632M2
D	8	E7-14A	OP-SUMR	Transfer Tower Cement from FM#6 to New Silos Dust Collector Stack		1360A	PSDTX632M2
A	9	E3-24A	OP-UA33	New BH at New Transfer Tower to FM5		1360A	
A	10	E3-33E	OP-UA33	Transfer Tower Clinker Dust Collector Stack		1360A	
A	11	E7-01A	OP-UA33	Additive Hopper Drop		1360A	

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

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

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1 (continued)**

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	12	E7-02A	OP-UA33	Additive Hopper Dust Collector Stack		1360A	
A	13	E7-05A	OP-UA33	Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack		1360A	
A	14	E7-05B	OP-UA33	Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack		1360A	
A	15	E7-05C	OP-UA33	Additive Bin 4 Weighfeeder and FM7 Feed Belt Dust Collector Stack		1360A	
A	16	E7-07A	OP-UA33	Additive Bin 4 Top Dust Collector Stack		1360A	
A	17	E7-10A	OP-UA33	Mill Recirculation Circuit Dust Collector Stack		1360A	
D	18	P-23	OP-SUMR	Motor Oil Tank		106.478/09/04/2000	
D	19	P-30	OP-SUMR	Anti Freeze Tank		106.478/09/04/2000	
D	20	P-31	OP-SUMR	Kerosene Tank		106.478/09/04/2000	
D	21	P-32	OP-SUMR	Oil Tank		106.478/09/04/2000	
D	22	P-9	OP-SUMR	9,000 Gallon Diesel Storage Tank		106.478/09/04/2000	
A	23	TANK2	OP-UA3	Diesel Storage Tank (12,000 gal)		106.472/09/04/2000	
A	24	TANKA	OP-UA3	Engine Oil Tank		106.472/09/04/2000	
A	25	TANKB	OP-UA3	Hydraulic Oil Tank		106.472/09/04/2000	
A	26	TANKC	OP-UA3	30W Transmission Fluid Tank		106.472/09/04/2000	

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

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

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1 (continued)**

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	27	TANKD	OP-UA3	Coolant Tank		106.472/09/04/2000	
A	28	E1-45	OP-SUMR	Crusher		106.261/106.262/11/01/2003[172168]	
A	29	DE1	OP-UA2	Engine for Crusher		106.261/106.262/11/01/2003 [172168]	
A	30	E1-40	OP-SUMR	Additive Stockpile		106.261/11/01/2003 [168509]	
A	31	E1-40A	OP-UA33	Line 1 Drop from Loader to Hopper		106.261/11/01/2003 [168509]	
A	32	E1-40B	OP-UA33	Line 1 Hopper Drop to Belt		106.261/11/01/2003 [168509]	
A	33	E1-40C	OP-UA33	Line 1 Belt Drop to Conveyor		106.261/11/01/2003 [168509]	
A	34	E1-41	OP-SUMR	Additive Stockpile		106.261/11/01/2003 [168509]	
A	35	E1-41A	OP-UA33	Line 2 Drop from Loader to Hopper		106.261/11/01/2003 [168509]	
A	36	E1-41B	OP-UA33	Line 2 Hopper Drop to Belt		106.261/11/01/2003 [168509]	
A	37	E1-41C	OP-UA33	Line 2 Belt Drop to Conveyor		106.261/11/01/2003 [168509]	
A	38	FP-ENG	OP-UA2	Fire Pump Engine		106.511/09/04/2000	
A	39	FP-TK	OP-UA3	Fire Pump Diesel Tank		106.472/09/04/2000	

Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program

Date:	06/27/2024
Permit No.:	O1077
Regulated Entity No.:	RN100217199

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
E7-01A	R111-5	EU				Unit is a material handling drop subject to 111.111(a)(8). The emission unit is not stationary vent and is not included on the OP-UA15. Detailed monitoring and testing citations that apply to this unit are already included in the permit under GRPFM7DROP.
E1-40	R111-5	EU				Emission unit subject to 111.111(a)(8). It is not a stationary vent and is not included on the OP-UA15. Please see the OP-MON for periodic monitoring.
E1-41	R111-5	EU				Emission unit subject to 111.111(a)(8). It is not a stationary vent and is not included on the OP-UA15. Please see the OP-MON for periodic monitoring.
E1-45	R111-5	EU				Emission unit subject to 111.111(a)(8). It is not a stationary vent and is not included on the OP-UA15. Please see the OP-MON for periodic monitoring.

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
GRPADD	R111-5	EU				Group contains material handling drops subject to 111.111(a)(8). The emission units are not stationary vents and are not included on the OP-UA15. Please see the OP-MON for periodic monitoring.

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O-1077	Project No.: 36096	
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 30		
Unit/EPN/Group/Process ID No.: E1-40		
Applicable Form: OP-UA1		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-5		
Pollutant: PM (Opacity)		
Main Standard: §111.111(a)(8)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 30%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O-1077		Project No.: 36096
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 34		
Unit/EPN/Group/Process ID No.: E1-41		
Applicable Form: OP-UA1		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-5		
Pollutant: PM (Opacity)		
Main Standard: §111.111(a)(8)(A)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 30%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O1077		Project No.: TBD
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 31, 32, 33, 35, 36, 37		
Unit/EPN/Group/Process ID No.: GRPADD		
Applicable Form: OP-UA33		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-5		
Pollutant: PM (Opacity)		
Main Standard: §111.111(a)(8)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity exceeds 30%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O-1077		Project No.: 36096
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 31, 32, 33, 35, 36, 37		
Unit/EPN/Group/Process ID No.: GRPADD		
Applicable Form: OP-UA33		
III. Applicable Regulatory Requirement		
Name: 40 CFR Part 60, Subpart OOO		
SOP/GOP Index No.: 60000-1		
Pollutant: PM (Opacity)		
Main Standard: §60.672(b) – Table 3		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 7%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 7% shall be reported as a deviation.</p>	

Texas Commission on Environmental Quality
Loading/Unloading Operations Attributes
Form OP-UA04 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds

Date	Permit No.:	Regulated Entity No.
06/27/2024	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
TANK2	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKA	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKB	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKC	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKD	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
FP-TNK	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
~~TXI Operations, LP~~ Martin Marietta North Texas Cement, LLC

AUTHORIZING THE OPERATION OF
Midlothian Cement Plant Facility
Cement Manufacturing

LOCATED AT
Ellis County, Texas
Latitude 32° 27' 47" Longitude 97° 1' 28"
Regulated Entity Number: RN100217199

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

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

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

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

Permit No: O1077 Issuance Date: January 18, 2023

For the Commission

system is not working properly, the permit holder shall promptly take necessary corrective action:

- (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
- (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.

F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

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

New Source Review Authorization Requirements

11. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated [November 16, 2023](#)[June 27, 2024](#) in the application for project 36096), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
- A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
12. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
13. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPADD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart OOO	SOP Index No.: 60000-3
Pollutant: PM (Opacity)	Main Standard: § 60.672(b)-Table 3
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: See PM text	
Averaging Period: N/A	
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 497%.	
<p>Periodic Monitoring Text: The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 497% shall be reported as a deviation.</p>	

From: Carolyn Maus
Sent: Wednesday, June 19, 2024 11:00 AM
To: Kristin Stein
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Kristin,

Yes, that is fine. Also, just for clarification, if you wish to wait until we've resolved all comments to certify all the comments/responses at once, that is acceptable.

-Carolyn

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Wednesday, June 19, 2024 10:27 AM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Carolyn,

Can we please request an extension until June 28th. Our RO is on vacation. If you have any questions please feel free to contact me.

Thanks,

Kristin

From: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Sent: Sunday, June 2, 2024 9:33 AM
To: Kristin Stein <Kristin.Stein@martinmarietta.com>

From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Sunday, June 2, 2024 12:04 PM
To: Carolyn Maus
Cc: laura.huff@powereng.com
Subject: Re: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility
Attachments: image001.jpg; WDP O1077.docx; Unresolved Items - O1077 Project 36096.docx

Thank you Carolyn.

We will start working on updating the requested items. We will be in touch if we have any questions.

Thanks,

Kristin
Sent from my iPhone

On Jun 2, 2024, at 9:34 AM, Carolyn Maus <carolyn.maus@tceq.texas.gov> wrote:

Good afternoon,

I have conducted a technical review of the minor revision application for Martin Marietta North Texas Cement, LLC, Midlothian Facility. 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. Here are the changes that have been made to the permit:

1. Updated Special Terms and Conditions:
 - a. STC 3.C for 111.111(a)(8) units – Moved note that clarifies the units in the Applicable Requirements Summary do not comply with the term requirements to STC 3.C(iii) and adjusted wording. This matches the format of the similar exclusion in STC 3.A(iv), which is part of our standard language.

From: Carolyn Maus
Sent: Sunday, June 2, 2024 9:33 AM
To: Kristin Stein
Subject: Working Draft Permit -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility
Attachments: WDP O1077.docx; Unresolved Items - O1077 Project 36096.docx

Good afternoon,

I have conducted a technical review of the minor revision application for Martin Marietta North Texas Cement, LLC, Midlothian Facility. 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. Here are the changes that have been made to the permit:

1. Updated Special Terms and Conditions:
 - a. STC 3.C for 111.111(a)(8) units – Moved note that clarifies the units in the Applicable Requirements Summary do not comply with the term requirements to STC 3.C(iii) and adjusted wording. This matches the format of the similar exclusion in STC 3.A(iv), which is part of our standard language.
 - b. STC.4 for Chapter 115, Subchapter C – Updated based on OP-REQ1 in application
 - c. STC.11 for NSR authorizations – Updated reference to the latest submittal of the PBR Supplemental Tables
2. Removed units E3-59, E3-60, E3-60A, E7-03, E7-08, E7-14, E7-14A, P-23, P-30, P-31, P-32, and P-9.
3. Removed E2-10A from GRP-P-1. It is now listed individually with Chapter 111 requirements. See question on Unresolved Items list.
4. Added engine DE-1 with Chapter 111, Chapter 117, NSPS IIII, and MACT ZZZZ requirements.
5. Added units E1-40, E1-41, and E1-45 with the case-by-case PM for 111.111(a)(8)(A). See question on Unresolved Items list.
6. Added engine FP-ENG with Chapter 117, NSPS IIII, and MACT ZZZZ requirements.
7. Added group GRPADD (units E1-40A, E1-40B, E1-40C, E1-41A, E1-41B, E1-41C) with NSPS OOO requirements and case-by-case PM for 111.111(a)(8)(A). See question on Unresolved Items list.
8. Added units E3-24A, E3-33E, E7-02A, and E7-10A to GRPFM7BH.
9. Added unit E7-01A to GRPFM7DROP.
10. Added units E7-05A, E7-05B, E7-05C, and E7-07A to GRPFM7RAW. See question on Unresolved Items list.
11. Added TANK2 with Chapter 115, Loading and Unloading and Storage of VOCs requirements. See explanation on Unresolved Items list.
12. Added group GRPTANK2 (units TANKA, TANKB, TANKC) with Chapter 115, Loading and Unloading requirements.

13. Added TANKD with Chapter 115, Loading and Unloading requirements. See explanation on Unresolved Items list.
14. Updated Major NSR Summary Table for January 20, 2023 NSR action based on updated table in application.

Please review the WDP and submit to me any comments you have on the working draft permit by **Monday, June 24, 2024**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. **Also, please respond to the questions on the attached Unresolved Items list along with your WDP comments.**

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

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

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

[Carolyn Maus, P.E.](#)

Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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Unresolved Items for O1077:

1. OP-PBRSUP:
 - a. In our NSR database, there are two active PBR registrations that were not listed on Table A. These are registrations 149552 and 174804 (this one was issued after the application came in). Please add these authorizations to Table A and Table D.
 - b. For Table C, could you include this table and just mark N/A or something similar in the first row of the table? That will provide clarity in the file that none of these “insignificant source” PBRs are used.
 - c. When you submit the updates, please submit all four tables as a set (even if one has no changes) and re-date. This way I can update the reference to these tables in the permit.
2. OP-REQ1:
 - a. For question VIII.GG.2, for applicable Part 63 subparts that are not addressed on the OP-REQ2, the answer listed Subpart LLL, IIII, and ZZZZ. LLL and ZZZZ are correct. However, the permit does not include any MACT IIII requirements. If that was meant to refer to NSPS IIII, that should not be included since it is not from Part 63. Please submit a corrected page.
 - b. For section XIII.I, the version date for PBR 106.263 was listed as 11/01/2000 but the correct date should be 11/01/2001. Please submit a corrected page.
3. For the units on the OP-SUMR that are authorized by registered PBRs, the dates listed after the PBR numbers were the registration dates. However, this form is asking for the version dates of the PBRs themselves, since those are the dates that will appear in the permit document. Please submit a corrected form listing the version dates.
4. For the units that have the case-by-case Chapter 111 monitoring for the limit under 111.111(a)(8), the format for the requirements that was done in the existing permit was not quite right. I have made the following corrections for any new units that have these requirements and also to GRPFM7DROP to which a new unit was added. I did not change any other existing units/groups that were not part of this project, but please let me know if you'd like me to update those too.
 - a. Rather than 111.111(a)(8), the main standard should be 111.111(a)(8)(A) since that is what contains the opacity limit. That appears in Applicable Requirements Summary Table and Periodic Monitoring Summary.
 - b. The textual description should be from 111.111(a)(8)(A), not language referring to stationary vents under 111.111(a)(1)(B), so I updated it.
 - c. Grouped 111.111(a)(8)(B) since it has subparagraphs.
5. For unit E2-10A, the application requested to remove from GRP-P-1, which I did. For now, I just kept the same Chapter 111 requirement with the case-by-case periodic monitoring that it had as part of the group. However, I was not sure about any federal applicability. Please let me know if this unit will need any requirements from NSPS OOO, NSPS F, MACT LLL, etc., and if so provide OP-UA33 with the information.
6. E1-40 and E1-41 could not be added to GRP-P-1 because that group has permit shields. Adding new units to it would be adding those shields to the new units, which cannot be done in a minor revision. Therefore, E-40 and E-41 have been added individually with the same Chapter 111/periodic monitoring requirements that GRP-P-1 had. Please list E-40 and E-41 on UA-1 and OP-MON to confirm.
7. I added E1-45 with the requested Chapter 111 monitoring. I did correct a typo in the deviation limit wording from the OP-MON - where it said “opacity limit exceeds 30%” that

should be “opacity exceeds 30%”. Please list the unit on UA-1 for this rule. Also, I saw the application indicated there were no federal requirements. Can you confirm the reasons why the crusher will not have NSPS OOO or F requirements? That way I can document it in the file.

8. For GRPADD:
 - a. Please list the group on UA-1 for the Chapter 111 rule (I have already added the requested monitoring to the permit with the relevant citations). I corrected one typo in the deviation limit wording – “opacity limit exceeds 30%” should be “opacity exceeds 30%”.
 - b. The group requires periodic monitoring for the opacity limit in 60.672(b)-Table 3 (NSPS OOO). Since it was the same pollutant, I added the same monitoring that you had requested for Chapter 111, except in the deviation limit and periodic monitoring text, I replaced 30% with 10%, the limit from NSPS OOO. If this is acceptable, please provide an OP-MON to confirm, or request other monitoring.
9. For several of the new units added to GRPFM7RAW, the unit name/description requested on the OP-SUMR exceeded our 50-character limit. I adjusted the following, but let me know if you'd like to shorten the names some other way.
 - a. E7-05A: Shortened “Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack” to “Gypsum Weighfeeder/Mill Feed Belt Dust Coll Stk”
 - b. E7-05B: Shortened “Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack” to “Limestone Weighfeeder/Mill Feed Belt Dust Coll Stk”
 - c. E7-05C: Shortened “Additive Bin 4 Weighfeeder and FM7 Feed Belt Dust Collector Stack” to “Add. Bin 4 Weighfeeder/FM7 Feed Blt Dust Coll Stk”
10. TANK2 could not be added to GRPTANK for several reasons. First, GRPTANK has a permit shield, so adding TANK2 would be adding that same shield to the new unit, which cannot be done in a minor revision. Second, the unit attributes for TANK2 are not the same as GRPTANK. GRPTANK has negative applicability attributes for NSPS K and TANK2 has negative applicability attributes for NSPS Kb. GRPTANK also has different attributes on UA-04 than TANK2. Therefore, TANK2 was added individually. Let me know if you have questions.
11. TANKD was added individually instead of as part of GRPTANK2 because TANKD had different NSPS Kb unit attributes than the other units in GRPTANK2. Let me know if you have questions.
12. The application requested to add FP-TNK as part of GRPTANK2. However, the other units in the group were on both UA-03 and UA-04, but FP-TNK was only on UA-03. Therefore, for now I have added FP-TNK individually to our database with its UA-03 data. If it should also have the same attributes/requirements from UA-04 (Chapter 115, Loading and Unloading of VOC) as the rest of the group, please let me know and I can add it to the group. Since right now all it has is the negative applicability data from UA-03, it does not yet appear in the permit. As an additional note, when units are part of a group, the group ID is what should be used on the unit attribute forms. That helps with efficiency, clarity, and also helps avoid issues like accidental data discrepancies between group members.

From: Carolyn Maus
Sent: Thursday, February 15, 2024 10:14 AM
To: Kristin Stein
Subject: RE: Technical Review -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Kristin!

Thanks for reaching out – now with the information in your email signature I can get our database updated to have you as technical contact. I'm still working on my technical review so I do not have anything to request from you yet, but I'll let you know if I have questions.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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From: Kristin Stein <Kristin.Stein@martinmarietta.com>
Sent: Wednesday, February 14, 2024 5:11 PM
To: Carolyn Maus <carolyn.maus@tceq.texas.gov>
Subject: RE: Technical Review -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

Hi Carolyn,

I just wanted to take a minute to introduce myself. I will be the new contact for the Martin Marietta North Texas Cement, LLC - Midlothian Facility.

Thank you,

Kristin Stein

Kristin Stein | Sr. Environmental Manager
Martin Marietta – Midlothian Cement Plant
245 Ward Rd, Midlothian

O: 972-647-3417 M: 830-221-5103

kristin.stein@martinmarietta.com



From: Carolyn Maus <carolyn.maus@tceq.texas.gov>

Sent: Wednesday, January 17, 2024 8:07 PM

To: Marilyn Bruton <Marilyn.Bruton@martinmarietta.com>

Subject: Technical Review -- FOP O1077/Project 36096, Martin Marietta North Texas Cement, LLC/Midlothian Facility

You don't often get email from carolyn.maus@tceq.texas.gov. [Learn why this is important](#)

EXTERNAL SENDER – PLEASE ASSESS AND VERIFY

Good evening,

I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O1077 for Martin Marietta North Texas Cement, LLC, Midlothian Facility, Midlothian Cement Plant. This application has been assigned Project No. 36096. Please address all correspondence pertaining to this permit application, including any updates, to me at the address in my email signature, and use both the Permit and Project reference numbers above to facilitate tracking. I have begun technical review of this application and will request any updated forms or additional information from you if needed.

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-PBR SUP and OP-REQ1 Instructions.

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

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Carolyn Maus, P.E.
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: (512) 239-6204
Fax: (512) 239-1300



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Texas Commission on Environmental Quality

Title V Existing

1077

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	MIDLOTHIAN CEMENT PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	245 WARD RD
City	MIDLOTHIAN
State	TX
ZIP	76065
County	ELLIS
Latitude (N) (##.#####)	32.463055
Longitude (W) (-###.#####)	97.024444
Primary SIC Code	3241
Secondary SIC Code	
Primary NAICS Code	327310
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100217199
What is the name of the Regulated Entity (RE)?	MIDLOTHIAN FACILITY
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	245 WARD RD
City	MIDLOTHIAN
State	TX
ZIP	76065
County	ELLIS
Latitude (N) (##.#####)	32.463055
Longitude (W) (-###.#####)	-97.024444
Facility NAICS Code	
What is the primary business of this entity?	50000

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN606116531
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Martin Marietta North Texas Cement, LLC
Texas SOS Filing Number	804848341
Federal Tax ID	752647000
State Franchise Tax ID	17526470004
State Sales Tax ID	

Local Tax ID	
DUNS Number	
Number of Employees	101-250
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	MARTIN MARIETTA SOUTH TEXAS CEMENT LLC
Prefix	MR
First	ALAN
Middle	
Last	ROWLEY
Suffix	
Credentials	
Title	PRESIDENT
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	1220 S HIGHWAY 67
Routing (such as Mail Code, Dept., or Attn:)	
City	MIDLOTHIAN
State	TX
ZIP	76065
Phone (###-###-####)	9726473406
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	e.alan.rowley@martinmarietta.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	MARILYN BRUTON(MARTIN MARIETTA...)
Organization Name	MARTIN MARIETTA NORTH TEXAS CEMENT LLC
Prefix	MRS
First	MARILYN
Middle	
Last	BRUTON
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)	245 WARD RD
Routing (such as Mail Code, Dept., or Attn:)	
City	MIDLOTHIAN
State	TX
ZIP	76065
Phone (###-###-####)	9726473417
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	marilyn.brunton@martinmarietta.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	32 Deg 27 Min 47 Sec
3) Permit Longitude Coordinate:	97 Deg 1 Min 28 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) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name	OP-1 11-16-2023.pdf
Hash	FBCF3DF01E13D169941CBFEDDE6D42E8AE28D7B19E69FA2FB482A1A68319FF6F
MIME-Type	application/pdf

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

[File Properties]

File Name	OP-2 11-16-2023.pdf
Hash	BCDE784D185C9EF6E9B40334CAB2DF07E2B8787B3B09797042A9E314AD793940
MIME-Type	application/pdf

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

[File Properties]

File Name	OP-REQ1 11-16-2023.pdf
Hash	DCCC8EA3C654D1C3BDB3854DC775F4A5A54C0475BD23965CC56ED8DFAB221E83
MIME-Type	application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

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

[File Properties]

File Name OP-PBR SUP 11-16-2023.pdf

Hash D4DECA5CA35FB96C3AE107619EF09E0B2020FD981B101CE22117C11DF7F008B1

MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP-SUMR 11-16-2023.pdf

Hash 867FE50A4F8700B3FE904C7EAA1F250CA132DA781669B42CC1B2F8009707E4B1

MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

[File Properties]

File Name OP-MON 11 DE-1.pdf

Hash 2096E2A32F2FD69C87914EA824220FE4C1D9A8B4A9EDFBB375AE33ACA55CCAD2

MIME-Type application/pdf

[File Properties]

File Name OP-MON 111 E1-45 Crusher.pdf

Hash 45AFCE8D92657BCEA06456D6A22BE0A193E33DB653BA2C2B527B17C9F7FD858E

MIME-Type application/pdf

[File Properties]

File Name OP-MON 111 GRPADD.pdf

Hash C836ECE6F4C8F2513E27AB3F1CD0ACADB8074E0123F72A96E1E00ADB22C44B47

MIME-Type application/pdf

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name OP-UA1 11-16-2023.pdf

Hash B556EAA1EFA613DBCAE1C02BB42F84D5C866706C7C157A8A64709A9DA5D1DE3E

MIME-Type application/pdf

[File Properties]

File Name OP-UA15 11-16-2023.pdf

Hash 3AA67C38D38CA3380DE112470B1A10313493B8D08BE281131C9F00D25B7FECAC

MIME-Type application/pdf

[File Properties]

File Name OP-UA2 11-16-2023.pdf

Hash 5D546E17D59829C8B9334FC370C60823ECF7D399D8F8335769C70D9161DB8B41

MIME-Type application/pdf
[File Properties]
File Name OP-UA3 Tables 11-16-2023.pdf
Hash 1A33A17EF0BB1B0C0E121D814069CE097D9BE7357E28A339EE7C7EC107C15A01
MIME-Type application/pdf
[File Properties]
File Name OP-UA33 11-16-2023.pdf
Hash 5260BF997472BB90B01CD0CBD36CC35038FDF35A0ED047DCFAFD8C38BC55B8D1
MIME-Type application/pdf
[File Properties]
File Name OP-UA4 11-16-2023.pdf
Hash 90BDADB24022C2ADB9770BB692754C3BE33E31EC52624012875390E81717F09C
MIME-Type application/pdf

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]
File Name Major NSR Summary Table 11-16-2023.pdf
Hash 93158764E127285A479F359751959962DA9E52CBCD9B8D6ABD92B5EB86BD30D1
MIME-Type application/pdf
[File Properties]
File Name OP-ACPS 11-16-2023.pdf
Hash 0CAA9284C63873CCFE91151A63FB63BAE521FDEC940EAF2738B0B6A1353573C9
MIME-Type application/pdf

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

[File Properties]
File Name FM7 Title V Revision Application_11-16-2023_STEERS.pdf
Hash 4CDBE9CC0EF37834148AAB15BC1347403A4AAD1299C7AEEE2D45DF27D024583C
MIME-Type application/pdf

Expedite Title V

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

Certification

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

1. I am Alan Rowley, the owner of the STEERS account ER095494.
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 1077.
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: Alan Rowley OWNER OPERATOR

Account Number:	ER095494
Signature IP Address:	136.226.102.117
Signature Date:	2023-11-28
Signature Hash:	85A05A1BA0E901955A4CADF699B30CE23D893C777733026C46FDE1B707CE3683
Form Hash Code at time of Signature:	F32BC98231D000DB1D4410BDBAFA538C68F0280AC9FFFD523162BBBD10ED811B

Submission

Reference Number:	The application reference number is 604656
Submitted by:	The application was submitted by ER095494/Alan Rowley
Submitted Timestamp:	The application was submitted on 2023-12-05 at 15:12:47 CST
Submitted From:	The application was submitted from IP address 136.226.102.117
Confirmation Number:	The confirmation number is 502705
Steers Version:	The STEERS version is 6.71
Permit Number:	The permit number is 1077

Additional Information

Application Creator: This account was created by Laura M Huff

November 2023

REVISION APPLICATION FOR TITLE V SITE OPERATING PERMIT 01077

*Martin Marietta North Texas Cement, LLC
Midlothian Facility
Ellis County, Texas*

*Permit No. O1077
Customer Reference No. CN606116531
Regulated Entity No. RN100217199*

*Submitted To:
Texas Commission on Environmental Quality
Air Division
P.O. Box 13087
Austin, Texas 78711-3087*

PROJECT NUMBER:
0240587.01.01



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- FORM OP-UA4
- FORM OP-UA15
- FORM OP-UA33
- FORM OP-MON
- FORM OP-PBRSUP
- MAJOR NSR SUMMARY TABLE

1.0 INTRODUCTION

Martin Marietta North Texas Cement, LLC (MMNTC) owns and operates a Portland cement manufacturing plant in Midlothian, Ellis County, Texas. MMNTC is submitting to the Texas Commission on Environmental Quality (TCEQ) the following application for revision of Title V Federal Operating Permit (FOP) No. O1077. MMNTC is requesting the revision of the Title V permit to reflect an amendment to TCEQ Air Permit No. 1360A, which was issued on January 20, 2023, to permit design changes to the Finish Mill No. 7 (FM7) project. Equipment is being removed from the project and several sources are being added to the project. In addition, several emission units, unrelated to the FM7 project, are being added to the site and are included in this permit revision application.

The following documentation is provided with the application: all required TCEQ FOP application forms, including forms addressing application certification, administrative information, and unit attribute forms for new equipment.

1.1 Process Description

MMNTC manufactures Portland cement, a basic construction material. The production of cement is a closely controlled chemical process involving the crushing and mixing of materials (calcium carbonate, aluminum oxide, silica, and iron). The No. 5 Kiln is a 4-stage preheater/precalciner line which processes finely ground raw materials by calcining and clinkering within the preheater and kiln. The system has two burner areas, the calciner which is located at the kiln material inlet and base of the preheater tower, and the kiln burner located in the kiln where the clinker exits the kiln.

The preheater/precalciner dry process kiln utilizes an in-line roller mill to prepare raw materials prior to entry into the preheater/kiln system. The roller mill is swept by preheater exhaust gases to assist in drying the material before it is carried out of the mill. The milled material passes through four cyclone separators which are vented by a fabric filter baghouse. Material from the cyclones and baghouse is now suitable raw feed and is conveyed by a drag chain conveyor to an air lift system and is pneumatically conveyed to the top of the preheater tower. Raw material enters the suspension preheater into the first of four stages. As the material makes its vertical descent through the stages of the preheater, exhaust flue gases pass counter-current to the material. This counter flow of exhaust gases is effective in preheating and calcining the raw material prior to entering the rotary kiln.

The kiln system generates cement kiln dust (CKD) collected from baghouses and typically recycled back through the system. Alkali bypass dust (ABD) is removed from the alkali bypass stream. ABD may be recycled back into the kiln system, sold, stored, or placed in onsite disposal areas.

The calciner provides heat by combustion of solid fuel, tires (chipped and whole), alternative fuels, nonhazardous liquid fuels, and natural gas. Combustion air for the calciner is provided via the tertiary air duct which delivers hot air from the kiln's cooler into the calciner to provide excess oxygen for efficient combustion in the calciner. Raw material temperatures in excess of 1500°F are created by the calciner prior to entry into the kiln which results in the calcination of raw materials.

Material exiting the calciner enters the rotary kiln. Fuel and combustion air is introduced to the kiln at the opposite end from the raw material. As the raw material tumbles through the kiln, the counter flow of combustion gases continues to elevate material temperatures until clinkerization occurs. Clinkerization involves the crystalline combination of calcium, silica, alumina, and iron into calcium silicate compounds which are the primary building blocks of Portland cement. The resultant intermediate product takes the form of small, solid, spheres known as clinker.

Clinker falls from the rotary kiln into the clinker cooler. The clinker cooler consists of grates through which ambient air is blown to cool the clinker. The majority of the heated air is then recycled into the process where it is used for secondary combustion air to kiln, combustion air to the calciner, and drying air to the raw material roller mill. Use of the air in this manner reclaims the heat absorbed by the air as it cools the clinker and eliminates a separate emission point for the clinker cooler exhaust. Excess air will be diverted to a heat exchanger, baghouse, then to the main stack.

Finished cement is stored in silos and transferred to rail cars or trucks for shipment off-site. The Finish Silos and the material loadouts are controlled by baghouses.

The FM7 project involves constructing a new finish mill and material handling operations, including drops and baghouses. As a result of changes to the design, some sources are being added to the site and some are being removed from the project, as reflected in the attached forms. In addition, several storage tanks were upgraded at the site. The old tanks are being removed from the permit and the new tanks are being added.

1.2 Proposed Permit Changes

The purpose of this Title V revision is to incorporate recent changes to the emission units due to the NSR amendment as well as new Permits by Rule (PBR) claimed at the site. The following changes are included in this revision application:

- » Addition and removal of sources associated with the FM7 project;
- » Removal of storage tanks no longer present at the site;
- » Addition of new storage tanks recently installed at the site and authorized under PBR;
- » Incorporation of sources associated with a new PBR for a crusher and engine;
- » Incorporation of sources (piles and drops) associated with a new PBR for an additive handling system.

Several of the new emission units have been added to existing groups within the Title V permit. There is one new group proposed for the additive transfer operations, GRPADD, as shown on the enclosed OP-SUMR form.

Three of the new sources have proposed periodic monitoring associated with them as represented on the enclosed OP-MON forms. The proposed periodic monitoring is the same periodic monitoring currently in the permit for sources subject to opacity monitoring under 30 TAC Chapter 111. The purpose of this is to maintain consistent monitoring for all sources subject to these requirements.

2.0 TITLE V APPLICATION FORMS

The TCEQ forms required for a revision to Permit No. O1077 are included with this application and were submitted individually in STEERS.

- » FORM OP-1
- » FORM OP-2
- » FORM OP-ACPS
- » FORM OP-SUMR
- » FORM OP-REQ1
- » FORM OP-UA1
- » FORM OP-UA2
- » FORM OP-UA3
- » FORM OP-UA4
- » FORM OP-UA15
- » FORM OP-UA33
- » FORM OP-MON
- » FORM OP-PBRSUP
- » Major NSR Summary Table

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

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

I. Company Identifying Information
A. Company Name: : Martin Marietta North Texas Cement, LLC
B. Customer Reference Number (CN): CN606116531
C. Submittal Date (mm/dd/yyyy): 11/16/2023
II. Site Information
A. Site Name: Midlothian Facility
B. Regulated Entity Reference Number (RN): RN100217199
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

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

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> YES <input type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Alan Rowley
RO Title: Vice President - Operations Cement Division
Employer Name: Martin Marietta North Texas Cement, LLC
Mailing Address: 245 Ward Road
City: Midlothian
State: TX
ZIP Code: 75065
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 972-647-3406
Fax No.:
Email: Alan.Rowley@martinmarietta.com

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

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Marilyn Denman Bruton
Technical Contact Title: Environmental Manager
Employer Name: Martin Marietta North Texas Cement, LLC
Mailing Address: 245 Ward Road
City: Midlothian
State: TX
ZIP Code: 76065
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 972-647-3417
Fax No.: 972-647-3424
Email: Marilyn.brunton@martinmarietta.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Brian Birdwell, Texas Seante District 22
B. State Representative: Brian Harrison, Texas House District 10
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required: Spanish

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

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Midlothian Facility
B. Physical Address: 245 Ward Road
City: Midlothian
State: TX
ZIP Code: 75065
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

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

X.	Application Area Information (<i>continued</i>)
G.	Latitude (nearest second): 32° 27' 47"
H.	Longitude (nearest second): 97° 1' 28"
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J.	Indicate the estimated number of emission units in the application area: 190
K.	Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI.	Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A.	Name of a public place to view application and draft permit: A.H. Meadows Public Library
B.	Physical Address: 922 South 9 th Street
	City: Midlothian
	ZIP Code: 76065
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
	Contact Name Prefix: (<input type="checkbox"/> Mr. <input checked="" type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
	Contact Person Full Name: Marilyn Denman Bruton
	Contact Mailing Address: 245 Ward Road
	City: Midlothian
	State: TX
	ZIP Code: 75065
	Territory:
	Country: USA
	Foreign Postal Code:
	Internal Mail Code:
	Telephone No.: 972-647-3417

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

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

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

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

XIV. Alternate Designated Representative (ADR) Identifying Information

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

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Date: 11/16/2023	
Permit No.: O1077	
Regulated Entity No.: RN100217199	
Company Name: Martin Marietta North Texas Cement, LLC	
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: 11/16/2023
Permit No.: O1077
Regulated Entity No.: RN100217199
Company Name: Martin Marietta North Texas Cement, LLC

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

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	ADMIN-A	NO	E2-10A	OP-SUMR	1360A	Remove unit from GRP-P-1. Emission unit is not a pile.
2	MS-C	NO	E3-59	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
3	MS-C	NO	E3-60	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
4	MS-C	NO	E3-60A	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
5	MS-C	NO	E7-03	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
6	MS-C	NO	E7-08	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
7	MS-C	NO	E7-14	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
8	MS-C	NO	E7-14A	OP-SUMR	1360A	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
9	MS-A	YES	E3-24A	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
10	MS-A	YES	E3-33E	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
11	MS-A	YES	E7-01A	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
12	MS-A	YES	E7-02A	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
13	MS-A	YES	E7-05A	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
14	MS-A	YES	E7-05B	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
15	MS-A	YES	E7-05C	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
16	MS-A	YES	E7-07A	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
17	MS-A	YES	E7-10A	OP-UA33	1360A	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS F and MACT LLL.
18	MS-C	NO	P-23	OP-SUMR	106.478/09/04/2000	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
19	MS-C	NO	P-30	OP-SUMR	106.478/09/04/2000	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
20	MS-C	NO	P-31	OP-SUMR	106.478/09/04/2000	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
21	MS-C	NO	P-32	OP-SUMR	106.478/09/04/2000	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
22	MS-C	NO	P-9	OP-SUMR	106.478/09/04/2000	Removal of emission unit and all associated provisional terms and conditions, including monitoring and testing, recordkeeping, and reporting requirements.
23	MS-A	YES	TANK2	OP-UA3	106.472/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 115.
24	MS-A	YES	TANKA	OP-UA3	106.472/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 115.
25	MS-A	YES	TANKB	OP-UA3	106.472/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 115.
26	MS-A	YES	TANKC	OP-UA3	106.472/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 115.
27	MS-A	YES	TANKD	OP-UA3	106.472/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 115.
28	MS-A	YES	E1-45	OP-SUMR	106.261/106.262/04/21/2023[172168]	Addition of emission unit to permit. No Federal applicability.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
29	MS-A	YES	DE1	OP-UA2	106.261/106.262/04/21/2023[172168]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 117, NSPS IIII and MACT ZZZZ.
30	MS-A	YES	E1-40	OP-SUMR	106.261/04/14/2022[168509]	Addition of emission unit to permit. No Federal applicability.
31	MS-A	YES	E1-40A	OP-UA33	106.261/04/14/2022[168509]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS OOO.
32	MS-A	YES	E1-40B	OP-UA33	106.261/04/14/2022[168509]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS OOO.
33	MS-A	YES	E1-40C	OP-UA33	106.261/04/14/2022[168509]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS OOO.
34	MS-A	YES	E1-41	OP-SUMR	106.261/04/14/2022[168509]	Addition of emission unit to permit. No Federal applicability.
35	MS-A	YES	E1-41A	OP-UA33	106.261/04/14/2022[168509]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS OOO.
36	MS-A	YES	E1-41B	OP-UA33	106.261/04/14/2022[168509]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS OOO.
37	MS-A	YES	E1-41C	OP-UA33	106.261/04/14/2022[168509]	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in NSPS OOO.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
38	MS-A	YES	FP-ENG	OP-UA2	106.511/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 117, NSPS IIII and MACT ZZZZ.
39	MS-A	YES	FP-TNK	OP-UA3	106.472/09/04/2000	Addition of emission unit to permit and add monitoring and testing, recordkeeping, and reporting requirements associated with regulatory provisions specified in Chapter 115.

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

Date: 11/16/2023	Regulated Entity No.: RN100217199	Permit No.: O1077
Company Name: Martin Marietta North Texas Cement, LLC		Area Name: Midlothian Facility

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

Part 1

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

**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.
11/16/2023	O1077	RN100217199

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	1	E2-10A	OP-SUMR	CKD Drop from Truck		1360A	
D	2	E3-59	OP-SUMR	New Clinker Barn Diverter Bin Dust Collector Stack		1360A	PSDTX632M2
D	3	E3-60	OP-SUMR	FM#6 Clinker Bin Discharge to New FM#5 Belt Dust Collector Stack		1360A	PSDTX632M2
D	4	E3-60A	OP-SUMR	New FM#5 Belt Discharge to FM#5 Dust Collector Stack		1360A	PSDTX632M2
D	5	E7-03	OP-SUMR	Gypsum Drop to Bucket Elevator Dust Collector Stack		1360A	PSDTX632M2
D	6	E7-08	OP-SUMR	Fringe Bin Dust Collector Stack		1360A	PSDTX632M2
D	7	E7-14	OP-SUMR	New Cement Silo Receiving from FM#6 Dust Collector Stack		1360A	PSDTX632M2
D	8	E7-14A	OP-SUMR	Transfer Tower Cement from FM#6 to New Silos Dust Collector Stack		1360A	PSDTX632M2
A	9	E3-24A	OP-UA33	New BH at New Transfer Tower to FM5		1360A	
A	10	E3-33E	OP-UA33	Transfer Tower Clinker Dust Collector Stack		1360A	
A	11	E7-01A	OP-UA33	Additive Hopper Drop		1360A	

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

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

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1 (continued)**

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	12	E7-02A	OP-UA33	Additive Hopper Dust Collector Stack		1360A	
A	13	E7-05A	OP-UA33	Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack		1360A	
A	14	E7-05B	OP-UA33	Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack		1360A	
A	15	E7-05C	OP-UA33	Additive Bin 4 Weighfeeder and FM7 Feed Belt Dust Collector Stack		1360A	
A	16	E7-07A	OP-UA33	Additive Bin 4 Top Dust Collector Stack		1360A	
A	17	E7-10A	OP-UA33	Mill Recirculation Circuit Dust Collector Stack		1360A	
D	18	P-23	OP-SUMR	Motor Oil Tank		106.478/09/04/2000	
D	19	P-30	OP-SUMR	Anti Freeze Tank		106.478/09/04/2000	
D	20	P-31	OP-SUMR	Kerosene Tank		106.478/09/04/2000	
D	21	P-32	OP-SUMR	Oil Tank		106.478/09/04/2000	
D	22	P-9	OP-SUMR	9,000 Gallon Diesel Storage Tank		106.478/09/04/2000	
A	23	TANK2	OP-UA3	Diesel Storage Tank (12,000 gal)		106.472/09/04/2000	
A	24	TANKA	OP-UA3	Engine Oil Tank		106.472/09/04/2000	
A	25	TANKB	OP-UA3	Hydraulic Oil Tank		106.472/09/04/2000	
A	26	TANKC	OP-UA3	30W Transmission Fluid Tank		106.472/09/04/2000	

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

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**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1 (continued)**

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
A	27	TANKD	OP-UA3	Coolant Tank		106.472/09/04/2000	
A	28	E1-45	OP-SUMR	Crusher		106.261/106.262/04/21/2023[172168]	
A	29	DE1	OP-UA2	Engine for Crusher		106.261/106.262/04/21/2023[172168]	
A	30	E1-40	OP-SUMR	Additive Stockpile		106.261/04/14/2022[168509]	
A	31	E1-40A	OP-UA33	Line 1 Drop from Loader to Hopper		106.261/04/14/2022[168509]	
A	32	E1-40B	OP-UA33	Line 1 Hopper Drop to Belt		106.261/04/14/2022[168509]	
A	33	E1-40C	OP-UA33	Line 1 Belt Drop to Conveyor		106.261/04/14/2022[168509]	
A	34	E1-41	OP-SUMR	Additive Stockpile		106.261/04/14/2022[168509]	
A	35	E1-41A	OP-UA33	Line 2 Drop from Loader to Hopper		106.261/04/14/2022[168509]	
A	36	E1-41B	OP-UA33	Line 2 Hopper Drop to Belt		106.261/04/14/2022[168509]	
A	37	E1-41C	OP-UA33	Line 2 Belt Drop to Conveyor		106.261/04/14/2022[168509]	
A	38	FP-ENG	OP-UA2	Fire Pump Engine		106.511/09/04/2000	
A	39	FP-TK	OP-UA3	Fire Pump Diesel Tank		106.472/09/04/2000	

**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
1	E2-10A	OP-SUMR	D	GRP-P-1
2	E3-59	OP-SUMR	D	GRPFM7BH
3	E3-60	OP-SUMR	D	GRPFM7BH
4	E3-60A	OP-SUMR	D	GRPFM7BH
5	E7-03	OP-SUMR	D	GRPFM7BH
6	E7-08	OP-SUMR	D	GRPFM7RAW
7	E7-14	OP-SUMR	D	GRPFM7FNST
8	E7-14A	OP-SUMR	D	GRPFM7FNST
9	E3-24A	OP-UA33	A	GRPFM7BH
10	E3-33E	OP-UA33	A	GRPFM7BH
11	E7-01A	OP-UA33	A	GRPFM7DROP
12	E7-02A	OP-UA33	A	GRPFM7BH
13	E7-05A	OP-UA33	A	GRPFM7RAW

**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2 (continued)**

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
14	E7-05B	OP-UA33	A	GRPFM7RAW
15	E7-05C	OP-UA33	A	GRPFM7RAW
16	E7-07A	OP-UA33	A	GRPFM7RAW
17	E7-10A	OP-UA33	A	GRPFM7BH
18	P-23	OP-SUMR	D	GRPTANK1
19	P-30	OP-SUMR	D	GRPTANK1
20	P-31	OP-SUMR	D	GRPTANK1
21	P-32	OP-SUMR	D	GRPTANK1
22	P-9	OP-SUMR	D	GRPTANK
23	TANK2	OP-UA3	A	GRPTANK
24	TANKA	OP-UA3	A	GRPTANK2
25	TANKB	OP-UA3	A	GRPTANK2
26	TANKC	OP-UA3	A	GRPTANK2
27	TANKD	OP-UA3	A	GRPTANK2
30	E1-40	OP-SUMR	A	GRP-P-1
31	E1-40A	OP-UA33	A	GRPADD

**Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2 (continued)**

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
32	E1-40B	OP-UA33	A	GRPADD
33	E1-40C	OP-UA33	A	GRPADD
34	E1-41	OP-SUMR	A	GRP-P-1
35	E1-41A	OP-UA33	A	GRPADD
36	E1-41B	OP-UA33	A	GRPADD
37	E1-41C	OP-UA33	A	GRPADD
39	FP-TNK	OP-UA3	A	GRPTNK2

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

Date:	11/16/2023
Permit No.:	O1077
RN No.:	RN100217199

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date:	11/16/2023
Permit No.:	O1077
RN No.:	RN100217199

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

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

Date:	11/16/2023
Permit No.:	O1077
RN No.:	RN100217199

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

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

Date:	11/16/2023
Permit No.:	O1077
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Form OP-REQ1: Page 4		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
E. Outdoor Burning (continued)		
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
A. Temporary Fuel Shortage Plan Requirements		
	1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
A. Applicability		
◆	1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds		
◆	1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date:	11/16/2023
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RN No.:	RN100217199

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

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
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Date:	11/16/2023
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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

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

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

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

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

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

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

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Form OP-REQ1: Page 44	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.</div> <div style="width: 15%; text-align: right;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
D. Subpart D - Federal Procurement	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area is owned/operated by a department, agency, or instrumentality of the United States.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.</div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>

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

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XI. Miscellaneous (continued)	
B. Forms	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form.</p> <p><i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	<p>2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.</p>
C. Emission Limitation Certifications	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area includes units for which federally enforceable emission limitations have been established by certification.</p> </div> <div style="width: 20%; text-align: right;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).</p> </div> <div style="width: 20%; text-align: right;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.</p> </div> <div style="width: 20%; text-align: right;"> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator.</p> <p><i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director.</p> <p><i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i></p> </div> <div style="width: 20%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>

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For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

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

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

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

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Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 84		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

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

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.: PSDTX632M2	Issuance Date: 07/08/2019	Pollutant(s): PM/PM10	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>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.</i>			
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):	
<i>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.</i>			
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.: 1360A	Issuance Date: 01/20/2023	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:

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.261	Version No./Date: 09/04/2000
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.478	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.371	Version No./Date: 09/04/2000
PBR No.: 106.512	Version No./Date: 06/13/2001
PBR No.: 106.227	Version No./Date: 09/04/2000
PBR No.: 106.263	Version No./Date: 11/01/2000
PBR No.: 106.265	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.144	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
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Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
E7-01A	R111-5	EU				Unit is a material handling drop subject to 111.111(a)(8). The emission unit is not stationary vent and is not included on the OP-UA15. Detailed monitoring and testing citations that apply to this unit are already included in the permit under GRPFM7DROP.

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)**

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating
DE-1	R117-2	50+			ENG	DSL	LEANBURN	3109+	100-750
FP-ENG	R117-3	50+			D2007+				

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 2)**

Federal Operating Permit Program

Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	NO _x Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO _x Averaging Method	NO _x Reduction	NO _x Monitoring System
DE-1	R117-2	410A				1HR	OTHER	MERT

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 3)**

Federal Operating Permit Program

Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Monitoring
DE-1	R117-3	X40A2-C	410C	1HR	OTHER		

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 4)**

Federal Operating Permit Program

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
DE-1	63ZZZZ-2	MAJOR	300-500	06+		NORMAL	CI
FP-ENG	63ZZZZ-3	MAJOR	100-250	06+		EMER-A	

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 10)**

Federal Operating Permit Program

Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
DE-1	60IIII-2	2005+	NONE	NON	CON	0406+
FP-ENG	60IIII-3	2005+	NONE	FIRE	CON	0706+

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)**

Federal Operating Permit Program

Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
DE-1	60IIII-2	DIESEL		10-	NO	2017+	2016+
FP-ENG	60IIII-3	DIESEL		10-	NO	2017+	2016+

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 12)
Federal Operating Permit Program
Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
DE-1	60IIII-2	N130-368	YES	NO		MANU YES		
FP-ENG	60IIII-3	F130-368			YES	MANU YES		

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels
(Including Petroleum Liquid Storage Vessels)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
TANK2	60Kb	PTLQ-3	10K-20K							
TANKA	60Kb	PTLQ-3	10K-							
TANKB	60Kb	PTLQ-3	10K-							
TANKC	60Kb	PTLQ-3	10K-							
TANKD	60Kb-1	VOL	10K-							
FP-TNK	60Kb	PTLQ-3	10K-							

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
Federal Operating Permit Program
Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
TANK2	R5111-1	NO		VOC1	A1K-25K			
TANKA	R5111-2	NO		VOC1	A1K-			
TANKB	R5111-2	NO		VOC1	A1K-			
TANKC	R5111-2	NO		VOC1	A1K-			
TANKD	R5111-2	NO		VOC1	A1K-			
FP-TNK	R5111-2	NO		VOC1	A1K-			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
TANK2	R5111-1		NONE1	1-				

Texas Commission on Environmental Quality
Loading/Unloading Operations Attributes
Form OP-UA04 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds

Date	Permit No.:	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP/GOP Index No.	Chapter 115 Facility Type	Alternate Control Requirement (ACR)	ACR ID No.	Product Transferred	Transfer Type	True Vapor Pressure	Daily Through-put	Control Options
TANK2	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKA	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKB	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKC	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		
TANKD	R5217-1	OTHER	NONE		VOC1	UNLOAD	0.5-		

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

Federal Operating Permit Program

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

Subchapter A: Visible Emissions

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
E3-24A	R111-2	NO		OTHER	NONE	72+	100-
E3-33E	R111-2	NO		OTHER	NONE	72+	100-
E7-02A	R111-2	NO		OTHER	NONE	72+	100-
E7-05A	R111-2	NO		OTHER	NONE	72+	100-
E7-05B	R111-2	NO		OTHER	NONE	72+	100-
E7-05C	R111-2	NO		OTHER	NONE	72+	100-
E7-07A	R111-2	NO		OTHER	NONE	72+	100-
E7-10A	R111-2	NO		OTHER	NONE	72+	100-
DE-1	R111-2	NO		OTHER	NONE	72+	100-

**Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 2)**

Federal Operating Permit Program

**Table 2a: Title 40 Code of Federal Regulations (40 CFR Part 60)
Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	Construction/Modification Date	Subpart Applicability	Facility Type	Replacement Type
E1-40A	60000-3	08+	NONE	TRANSP	OTHER
E1-40B	60000-3	08+	NONE	TRANSP	OTHER
E1-40C	60000-3	08+	NONE	TRANSP	OTHER
E1-41A	60000-3	08+	NONE	TRANSP	OTHER
E1-41B	60000-3	08+	NONE	TRANSP	OTHER
E1-41C	60000-3	08+	NONE	TRANSP	OTHER

Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 3)
Federal Operating Permit Program
Table 2b: Title 40 Code of Federal Regulations (40 CFR Part 60)
Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	Capture System	Wet Suppression	Exhaust Gas Velocity	Control Device Type	Control Device ID No.
E1-40A	60000-3	NOCAP	NONE			
E1-40B	60000-3	NOCAP	NONE			
E1-40C	60000-3	NOCAP	NONE			
E1-41A	60000-3	NOCAP	NONE			
E1-41B	60000-3	NOCAP	NONE			
E1-41C	60000-3	NOCAP	NONE			

Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 4)
Federal Operating Permit Program
Table 2c: Title 40 Code of Federal Regulations (40 CFR Part 60)
Subpart 000: Standards of Performance for Nonmetallic Mineral Processing Plants

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	Baghouse Monitoring	Baghouse Operation	PM Concentration Method	Emissions Interference
E1-40A	60000-3				NOINT
E1-40B	60000-3				NOINT
E1-40C	60000-3				NOINT
E1-41A	60000-3				NOINT
E1-41B	60000-3				NOINT
E1-41C	60000-3				NOINT

**Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 5)
Federal Operating Permit Program**

**Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart F: Standards of Performance for Portland Cement Plants**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	Construction/Modification Date	Facility Type	Kiln/Clinker Cooler Combined	Alternate PM Limit	Kiln Alkali Bypass
E3-24A	60F-3	08+	CVTP			
E3-33E	60F-3	08+	CVTP			
E7-01A	60F-3	08+	CVTP			
E7-02A	60F-3	08+	CVTP			
E7-05A	60F-3	08+	RSTOR			
E7-05B	60F-3	08+	RSTOR			
E7-05C	60F-3	08+	RSTOR			
E7-07A	60F-3	08+	RSTOR			
E7-10A	60F-3	08+	CVTP			

Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 6)
Federal Operating Permit Program
Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart F: Standards of Performance for Portland Cement Plants

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	TBLDS	EPA Alternative Requirements	EPA Alternative Requirements ID	RM/FM Emissions Monitoring System
E3-24A	60F-3	NO	NO		
E3-33E	60F-3	NO	NO		
E7-01A	60F-3	NO	NO		
E7-02A	60F-3	NO	NO		
E7-05A	60F-3	NO	NO		
E7-05B	60F-3	NO	NO		
E7-05C	60F-3	NO	NO		
E7-07A	60F-3	NO	NO		
E7-10A	60F-3	NO	NO		

Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 7)
Federal Operating Permit Program
Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart F: Standards of Performance for Portland Cement Plants

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	90% Reduction
E3-24A	60F-3	
E3-33E	60F-3	
E7-01A	60F-3	
E7-02A	60F-3	
E7-05A	60F-3	
E7-05B	60F-3	
E7-05C	60F-3	
E7-07A	60F-3	
E7-10A	60F-3	

**Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 10)
Federal Operating Permit Program**

**Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart LLL: National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	Major Source	Facility Type	Burning Hazardous Waste	Source Classification	98% Weight Reduction
E3-24A	63LLL	YES	MISC			
E3-33E	63LLL	YES	MISC			
E7-01A	63LLL	YES	MISC			
E7-02A	63LLL	YES	MISC			
E7-05A	63LLL	YES	MISC			
E7-05B	63LLL	YES	MISC			
E7-05C	63LLL	YES	MISC			
E7-07A	63LLL	YES	MISC			
E7-10A	63LLL	YES	MISC			

**Texas Commission on Environmental Quality
Mineral Processing Plant Attributes
Form OP-UA33 (Page 11)
Federal Operating Permit Program**

**Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart LLL: National Emission Standards for Hazardous Air Pollutants From the Portland Cement Manufacturing Industry**

Date	Permit No.	Regulated Entity No.
11/16/2023	O1077	RN100217199

Unit ID No.	SOP Index No.	Alkali By-Pass	Alternate Opacity Monitoring	Raw/Finish Mill Opacity	Monovent	COM Feasibility	Multiple Stacks	COM
E3-24A	63LLL		NO					
E3-33E	63LLL		NO					
E7-01A	63LLL		NO					
E7-02A	63LLL		NO					
E7-05A	63LLL		NO					
E7-05B	63LLL		NO					
E7-05C	63LLL		NO					
E7-07A	63LLL		NO					
E7-10A	63LLL		NO					

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O1077		Project No.: TBD
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 31, 32, 33, 35, 36, 37		
Unit/EPN/Group/Process ID No.: GRPADD		
Applicable Form: OP-UA33		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-5		
Pollutant: PM (Opacity)		
Main Standard: §111.111(a)(8)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 30%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O-1077		Project No.: TBD
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 28		
Unit/EPN/Group/Process ID No.: E1-45		
Applicable Form: OP-2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-5		
Pollutant: PM (Opacity)		
Main Standard: §111.111(a)(8)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 30%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 30% shall be reported as a deviation.</p>	

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

I. Identifying Information		
Account No.: ED-0066-B	RN No.: RN100217199	CN: CN606116531
Permit No: O1077		Project No.: TBD
Area Name: Midlothian Facility		
Company Name: Martin Marietta North Texas Cement, LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 29		
Unit/EPN/Group/Process ID No.: DE-1		
Applicable Form: OP-UA2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-2		
Pollutant: PM (Opacity)		
Main Standard: §111.111(a)(1)(B)		
Monitoring Type: PM		
Unit Size:		
Deviation Limit: Visible emissions unless a Method 9 observation is conducted within 24 hours of observing emissions and opacity limit exceeds 20%.		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		

VI. Periodic Monitoring Case-by-case	
Indicator: Visible Emissions	Minimum Frequency: See PM text
Averaging Period: N/A	
<p>Periodic Monitoring Text:</p> <p>The permit holder shall conduct a monthly 10-minute visible emissions test of the affected source in accordance with Method 22 of Appendix A to part 60 while the affected source is in operation. If no visible emissions are observed in six consecutive monthly tests for any affected source, the permit holder may decrease the frequency of testing from monthly to semi-annually for that affected source. If visible emissions are observed during any semi-annual test, the permit holder must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. If no visible emissions are observed during the semi-annual test for any affected source, the owner or operator may decrease the frequency of testing from semiannually to annually for that affected source. If visible emissions are observed during any annual test, the owner or operator must resume testing of that affected source on a monthly basis and maintain that schedule until no visible emissions are observed in six consecutive monthly tests. All visible emission observations shall be recorded.</p> <p>If visible emissions are observed during any Method 22 test, the permit holder shall conduct 30 minutes of opacity observations, recorded at 15-second intervals, in accordance with Method 9 of appendix A to part 60 of this chapter. The Method 9 test must begin within 24 hours of any observation of visible emissions if the source is not removed from service. Any monitoring data indicating opacity greater than 20% shall be reported as a deviation.</p>	

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

Date	Permit Number	Regulated Entity Number
11/16/2023	O1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E1-10	49617	106.261	02/05/2002
E2-10G	50056	106.261	03/21/2002
E3-13	49617	106.261	02/05/2002
E3-13A	83128	106.261	06/05/2007
E3-13D	91551	106.261	01/08/2010
E3-13E	91551	106.261	01/08/2010
E3-33B	81823	106.261	06/05/2007
E3-33C	81823	106.261	06/05/2007
E3-33D	81823	106.261	06/05/2007
E3-51B	83073	106.261	10/25/2007

**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
11/16/2023	O-1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E3-51C	83073	106.261	10/25/2007
E6-4A	88314	106.262	05/26/2009
ALTF-BH1	153907	106.262	4/21/2023
ALTF-BH2	153907	106.262	4/21/2023
DROPS	153907	106.262	4/21/2023
E3-52B	156226	106.261	05/01/2019
E3-52C	156226	106.261	05/01/2019
E3-52D	156226	106.261	05/01/2019
E1-10A	156226	106.261	05/01/2019
E1-37	156226	106.261	05/01/2019
E1-38	156226	106.261	05/01/2019
E3-45A	156226	106.261	05/01/2019

**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
11/16/2023	O-1077	RN100217199

Unit ID No.	Registration No.	PBR No.	Registration Date
E1-40	168509	106.261	4/14/2022
E1-40A	168509	106.261	4/14/2022
E1-40B	168509	106.261	4/14/2022
E1-40C	168509	106.261	4/14/2022
E1-41	168509	106.261	4/14/2022
E1-41A	168509	106.261	4/14/2022
E1-41B	168509	106.261	4/14/2022
E1-41C	168509	106.261	4/14/2022
E1-45	172168	106.261/106.262	4/21/2023
DE-1	172168	106.512	4/21/2023

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

Date	Permit Number	Regulated Entity Number
11/16/2023	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date
ME-0042	106.511	9/4/2000
P-20	106.478	9/4/2000
Tank 4	106.478	9/4/2000
Tank 1	106.478	9/4/2000
GA-TANK1	106.472	9/4/2000
GA-TANK2	106.472	9/4/2000
Tank 2	106.472	9/4/2000
Tank A	106.472	9/4/2000
Tank B	106.472	9/4/2000
Tank C	106.472	9/4/2000
Tank D	106.472	9/4/2000
WELD	106.227	9/4/2000
PAINT	106.263	9/4/2000

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

Date	Permit Number	Regulated Entity Number
11/16/2023	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date
BLASTCLEAN	106.263	9/4/2000
HANDHELD	106.265	9/4/2000
SOLV	106.454	9/4/2000
DUST	106.144	9/4/2000
CTWR	106.371	9/4/2000
FP-ENG	106.511	9/4/2000
FP-TNK	106.472	9/4/2000

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

Date	Permit Number	Regulated Entity Number
11/16/2023	O1077	RN100217199

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-10	106.261	49617	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E2-10G	106.261	50056	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPMTTRANS2.
E3-13	106.261	49617	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.
E3-13A	106.261	83128	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.
E3-13D	106.261	91551	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-13E	106.261	91551	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLKPILE.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E3-33B	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-33C	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-33D	106.261	81823	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK3.
E3-51B	106.261	83073	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPSYNGYP.
E3-51C	106.261	83073	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPSYNGYP.
E6-4A	106.262	88314	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
ALTF-BH1	106.262	153907	Utilize operating parameters, such as material throughput, to calculate emissions to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emission checks in accordance with the requirements of 40 CFR Part 63, Subpart LLL, to ensure baghouse is operating properly and demonstrate compliance with opacity limitation. Maintain records on-site.
ALTF-BH2	106.262	153907	Utilize operating parameters, such as material throughput, to calculate emissions to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emission checks in accordance with the requirements of 40 CFR Part 63, Subpart LLL, to ensure baghouse is operating properly and demonstrate compliance with opacity limitation. Maintain records on-site.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
DROPS	106.262	153907	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.262. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRP-ALTSF.
E3-52B	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-52C	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E3-52D	106.261	156226	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 63, Subpart LLL, as listed in Permit O1077 for group GRPCLINK1.
E1-10A	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-37	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-38	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E3-45A	106.261	156226	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
ME-0042	106.511	9/4/2000	Monitor the operating hours in accordance with the requirements of 30 TAC Chapter 117 and maintain records on-site to demonstrate the unit complies with the requirements of PBR 106.511.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
P-20	106.478	9/4/2000	AP-42 Emission calculations maintained on-site documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
P-23	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-30	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-31	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-32	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
P-9	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
Tank 4	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
Tank 1	106.478	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Document vapor pressure of material stored if tank undergoes change of service.
GA-TANK1	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
GA-TANK2	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput. Vapor pressure of material stored will be monitored in accordance with 30 TAC 115.118(a)(1).
E1-40	106.261	168509	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
E1-40A	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-40B	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-40C	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41	106.261	168509	Utilize various operating parameters, such as pile acreage, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the Periodic Monitoring specified in Permit O1077, Special Condition 10.
E1-41A	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41B	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-41C	106.261	168509	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077 for group GRPADD.
E1-45	106.261/106.262	172168	Utilize various operating parameters, such as throughput of material, hours of operation, and other applicable inputs, to calculate emissions and maintain records on-site to demonstrate compliance with emission limits registered under PBR 106.261 and 106.262. Conduct visible emissions monitoring in accordance with the requirements of 40 CFR Part 60, Subpart OOO, as listed in Permit O1077.
DE-1	106.512	172168	Facility will ensure liquid fuel (petroleum distillate oil) that is not a blend containing waste oils or solvents and contains less than 0.3% by weight sulfur will be used in the engine.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
Tank 2	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank A	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank B	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank C	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
Tank D	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.
WELD	106.227	9/4/2000	Maintain records to demonstrate that brazing, soldering or welding equipment does not emit greater than 0.6 ton per year of lead.
PAINT	106.263	9/4/2000	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
BLASTCLEAN	106.263	9/4/2000	Maintain records for all maintenance, start-up, or shutdown activities and temporary maintenance facilities so that there is sufficient information to determine compliance with this section including (1) the type and reason for the activity or facility construction; (2) the processes and equipment involved; (3) the date, time, and duration of the activity or facility operation; and (4) the air contaminants and amounts which are emitted as a result of the activity or facility operation.
HANDHELD	106.265	9/4/2000	Observe handheld equipment and verify the tools will only perform the functions listed in PBR 106.265.
SOLV	106.454	9/4/2000	Maintain records documenting the total solvent makeup (gross usage minus waste disposal) is 110 gallons per year or less and the true vapor pressure of the solvent does not exceed 0.6 psia at an operating temperature of 100 degrees Fahrenheit.
DUST	106.144	9/4/2000	Maintain records of the baghouse filtering velocity. Clean and/or water roads in accordance with the requirements of NSR Permit 1360A, Special Condition 10.
CTWR	106.371	9/4/2000	There are no ongoing requirements in PBR 106.371 to monitor.
FP-ENG	106.511	9/4/2000	Monitor run time hours to ensure unit operates less than 876 hours/year.

Unit ID No.	PBR No.	Version No./Date or Registration No.	Monitoring Requirement
FP-TNK	106.472	9/4/2000	AP-42 Emission calculations prepared documenting potential to emit and maximum annual throughput. Maintain throughput records on-site and verify annually against maximum throughput.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E1-7	Raw Material Storage Pile	PM	0.10	0.44	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.05	0.22			
		PM _{2.5}	0.01	0.03			
E1-11	Raw Material Storage Pile	PM	0.05	0.22	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.11			
		PM _{2.5}	<0.01	0.02			
E1-12	Quarry Dozing Operations (6)	PM	4.82	12.93	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	3.56	9.42			
		PM _{2.5}	3.56	9.42			
E1-24	Primary Crusher (6)	PM	0.17	0.32	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.08	0.15			
		PM _{2.5}	0.01	0.02			
E1-25	Transfer Point No. 1 (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.07			
		PM _{2.5}	0.01	0.01			
E1-26	Transfer Point No. 2 (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.07			
		PM _{2.5}	0.01	0.01			
E1-27	Secondary Crusher (6)	PM	0.29	0.54	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.13	0.24			
		PM _{2.5}	0.02	0.05			
E1-28	Overland Conveyor Diverter Drop (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.07			
		PM _{2.5}	0.01	0.01			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E1-29	Limestone Storage Dome Drops (6)	PM	0.08	0.14	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.07			
		PM _{2.5}	0.01	0.01			
E1-30	Underground Belt Feeder Drop (6)	PM	0.24	1.07	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.24	1.07			
		PM _{2.5}	0.04	0.16			
E1-31	Raw Bins Baghouse	PM	0.75	3.29	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.75	3.29			
		PM _{2.5}	0.11	0.50			
E1-31A	Limestone Transfer Baghouse	PM	1.14	4.97	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	1.14	4.97			
		PM _{2.5}	0.17	0.75			
E1-32	Sand, Drop to Hopper (6)	PM	0.02	0.02	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.01			
		PM _{2.5}	<0.01	<0.01			
E1-32A	Sand Belt Transfer (6)	PM	0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
E1-32B	Iron/Sand Belt Weigh Feeder Drop (6)	PM	0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
E1-33	Overland Conveyor Transfer No. 3 (6)	PM	0.08	0.14	2, 12	2, 12, 25, 26, 27, 29	2
		PM ₁₀	0.04	0.07			
		PM _{2.5}	0.01	0.01			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E1-34	Overland Conveyor Transfer No. 4 (6)	PM	0.08	0.14	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.07			
		PM _{2.5}	0.01	0.01			
E1-35	Raw Material Storage Pile	PM	0.02	0.11	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.05			
		PM _{2.5}	<0.01	0.01			
E1-36	Raw Material Storage Pile	PM	0.02	0.11	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.05			
		PM _{2.5}	<0.01	0.01			
E2-7	Blending Silo Baghouse	PM	0.97	4.23	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.97	4.23			
		PM _{2.5}	0.15	0.64			
E2-7A	Blending Silo Discharge Baghouse	PM	0.59	2.59	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.59	2.59			
		PM _{2.5}	0.09	0.39			
E2-7B	Preheater Tower Pneumatic Feed Baghouse	PM	0.79	3.47	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.79	3.47			
		PM _{2.5}	0.12	0.53			
E2-10A	CKD Drop from Truck (6)	PM	<0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
E2-10C	CKD Bin Baghouse	PM	0.32	1.40	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.32	1.40			
		PM _{2.5}	0.05	0.21			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E2-10D	Kiln Dust to Scrubber Baghouse	PM	0.16	0.69	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.16	0.69			
		PM _{2.5}	0.02	0.10			
E2-10F	CKD Drop to Truck (6)	PM	<0.01	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
E2-11A	Dust Bin Baghouse	PM	0.48	2.11	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.48	2.11			
		PM _{2.5}	0.07	0.32			
E2-11B	Lime Silo Baghouse	PM	0.24	1.03	2, 14	2, 14, 25, 26, 27, 28, 29	2
		PM ₁₀	0.24	1.03			
		PM _{2.5}	0.04	0.16			
E2-13P	Raw Material Storage Pile	PM	0.37	1.64	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.19	0.82			
		PM _{2.5}	0.03	0.12			
E2-14A	Loader Drop to Grizzly Screen	PM	0.18	0.09	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.09	0.05			
		PM _{2.5}	0.01	0.01			
E2-17	Iron Feed System Hopper (6)	PM	0.08	0.06	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.03			
		PM _{2.5}	0.01	<0.01			
E2-18P	Raw Material Storage Pile	PM	0.06	0.27	2, 12	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.03	0.14			
		PM _{2.5}	<0.01	0.02			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E2-22	Kiln No. 5 Main Stack	NO _x (7)	681.25	2725.00	1, 2, 16, 18, 20, 35	2, 16, 18, 20 25, 26, 27, 28, 29, 34, 35	2, 16, 18, 20, 30
		SO ₂ (8)	332.25	1329.00			
		CO (8)	500.00	1020.10			
		PM	69.24	267.77			
		PM ₁₀	69.24	267.77			
		PM _{2.5}	53.67	225.41			
		HCl (7)	27.39	107.97			
		H ₂ SO ₄	33.23	103.68			
		VOC (7)	19.06	67.10			
		TRS (incl. H ₂ S)	2.26	9.90			
		Hg (7)	0.13	0.51			
		Pb	0.01	0.04			
E3-2	No. 3 Tunnel Baghouse (9)	PM	0.19	0.82	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.19	0.82			
		PM _{2.5}	0.03	0.12			
E3-3	No. 2 Tunnel Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.37	1.63			
		PM _{2.5}	0.06	0.25			
E3-5	No. 1 Tunnel Baghouse (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.15	0.65			
		PM _{2.5}	0.02	0.10			
E3-6	700 Pan Conveyor Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.37	1.63			
		PM _{2.5}	0.06	0.25			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-10	Additive Silos Conveyor Drop (6) (9)	PM	0.41	1.78	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.41	1.78			
		PM _{2.5}	0.06	0.27			
E3-11	707 Belt Tail Pulley (9)	PM	0.28	1.22	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.28	1.22			
		PM _{2.5}	0.04	0.19			
E3-12	Reclaim Belt Baghouse (6) (9)	PM	0.22	0.98	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.22	0.98			
		PM _{2.5}	0.03	0.15			
E3-14	Fly Ash Silo Baghouse (9)	PM	0.15	0.64	2, 14	2, 14, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.15	0.64			
		PM _{2.5}	0.02	0.10			
E3-15	South Clinker Group No. 4 Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.37	1.63			
		PM _{2.5}	0.06	0.25			
E3-16	Finish Mill No. 1 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	2.16	9.46			
		PM _{2.5}	0.33	1.43			
E3-17	Finish Mill No. 2 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	2.16	9.46			
		PM _{2.5}	0.33	1.43			
E3-18	Finish Mill No. 3 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	2.16	9.46			
		PM _{2.5}	0.33	1.43			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-19	Finish Mill No. 4 Baghouse Stack (9)	PM	2.16	9.46	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	2.16	9.46			
		PM _{2.5}	0.33	1.43			
E3-20	Finish Mill No. 5 Feed Baghouse	PM	0.19	0.82	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.19	0.82			
		PM _{2.5}	0.03	0.12			
E3-21	Finish Mill No. 5 Baghouse	PM	0.72	3.16	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.72	3.16			
		PM _{2.5}	0.11	0.48			
E3-22	780 Head Pulley Baghouse	PM	0.19	0.82	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.19	0.82			
		PM _{2.5}	0.03	0.12			
E3-23	Lower Reclaim Belt Baghouse (9)	PM	0.22	0.98	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.22	0.98			
		PM _{2.5}	0.03	0.15			
E3-24	Stacker Belt Sec. 2 Baghouse (9)	PM	0.37	1.63	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.37	1.63			
		PM _{2.5}	0.06	0.25			
E3-24A	New BH at New Transfer Tower to FM5	PM	0.15	0.68	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			
E3-25	FM No. 6 Transfer Tower Baghouse	PM	0.27	1.17	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.27	1.17			
		PM _{2.5}	0.04	0.18			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (4)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-25-5	No. 5 Finish Mill Fringe Bin	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.65			
		PM _{2.5}	0.02	0.10			
E3-31	Finish Tunnel No. 4 Baghouse Stack (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.15	0.65			
		PM _{2.5}	0.02	0.10			
E3-32	No. 4 Feeder Baghouse Stack (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.15	0.65			
		PM _{2.5}	0.02	0.10			
E3-33	Clinker Barn West Baghouse	PM	0.28	1.22	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.28	1.22			
		PM _{2.5}	0.04	0.19			
E3-33A	Clinker Outhaul to FM No. 6 Baghouse (9)	PM	0.25	1.11	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.25	1.11			
		PM _{2.5}	0.04	0.17			
E3-33E	Transfer Tower Clinker Dust Collector Stack	PM	0.24	1.03	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.24	1.03			
		PM _{2.5}	0.04	0.16			
E3-34	Surge Collector Baghouse (9)	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.56	2.45			
		PM _{2.5}	0.08	0.37			
E3-35	Head Pulley 700 Pan Baghouse (9)	PM	0.07	0.33	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.07	0.33			
		PM _{2.5}	0.01	0.05			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-37	Nos. 9-10 Clinker Silo Baghouse (9)	PM	0.74	3.26	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.74	3.26			
		PM _{2.5}	0.11	0.49			
E3-38	Clinker Barn East Tunnel	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.56	2.45			
		PM _{2.5}	0.08	0.37			
E3-41	East Clinker Door Baghouse	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.56	2.45			
		PM _{2.5}	0.08	0.37			
E3-42	West Clinker Door Baghouse	PM	0.56	2.45	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.56	2.45			
		PM _{2.5}	0.08	0.37			
E3-43A	No. 1 Finish Mill Feed Belt Cartridge (9)	PM	0.15	0.65	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.15	0.65			
		PM _{2.5}	0.02	0.10			
E3-45	Raw Material Storage Pile	PM	0.04	0.16	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.08			
		PM _{2.5}	<0.01	0.01			
E3-50	Additive Hopper, Drop Fugitive (6)(9)	PM	0.02	0.02	2, 13	2, 13, 26, 26, 27, 28, 29	2, 36
		PM ₁₀	0.01	0.01			
		PM _{2.5}	<0.01	<0.01			
E3-51	Additive Hopper, Drop to Belt (6)(9)	PM	0.02	0.02	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.01	0.01			
		PM _{2.5}	<0.01	<0.01			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-51A	Additive Drop to Hopper (6)(9)	PM	0.05	0.07	2, 13	2, 13, 25, 26, 27, 28, 29	2, 36
		PM ₁₀	0.02	0.04			
		PM _{2.5}	<0.01	0.01			
E3-52	Pan Conveyor Baghouse	PM	0.54	2.38	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.54	2.38			
		PM _{2.5}	0.08	0.36			
E3-52A	Clinker Discharge Baghouse	PM	0.32	1.40	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.32	1.40			
		PM _{2.5}	0.05	0.21			
E3-53	Clinker Belt Transfer Baghouse	PM	0.51	2.22	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.51	2.22			
		PM _{2.5}	0.08	0.34			
E3-54	Finish Mill No. 6 Bins Baghouse	PM	1.56	6.82	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	1.56	6.82			
		PM _{2.5}	0.24	1.03			
E3-55	Finish Mill No. 6 Baghouse	PM	5.76	25.23	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	2.88	12.61			
		PM _{2.5}	0.44	1.91			
E3-57	Finish Mill No. 6 Cement Baghouse	PM	0.10	0.44	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.10	0.44			
		PM _{2.5}	0.02	0.07			
E3-58	New Clinker Barn Exit Belt Dust Collector Stack	PM	.25	1.10	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.25	1.10			
		PM _{2.5}	0.04	0.17			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E3-61	New FM#6 Cement Transfer Line to Group 1 Silos Dust Collector Stack	PM	0.45	1.99	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.45	1.99			
		PM _{2.5}	0.07	0.30			
E3-62	New FM#6 Cement Transfer Line to Group 3 Silos Dust Collector Stack	PM	0.45	1.99	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.45	1.99			
		PM _{2.5}	0.07	0.30			
E4-1	Finish Silo Group No. 4 Baghouse	PM	0.65	2.84	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.65	2.84			
		PM _{2.5}	0.10	0.43			
E4-2	Finish Silo Group No. 4 Baghouse	PM	0.65	2.84	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.65	2.84			
		PM _{2.5}	0.10	0.43			
E4-3	Finish Silo Group No. 3 Baghouse	PM	0.18	0.79	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.18	0.79			
		PM _{2.5}	0.03	0.12			
E4-4	Silo Group 3 Baghouse Stack	PM	0.24	1.04	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.24	1.04			
		PM _{2.5}	0.04	0.16			
E4-5	Finish Silo Group No. 2 Baghouse	PM	0.43	1.90	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.43	1.90			
		PM _{2.5}	0.07	0.29			
E4-7	Finish Silo Group No. 1 Baghouse	PM	0.22	0.95	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.22	0.95			
		PM _{2.5}	0.03	0.14			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E4-8	Finish Silo Group No. 1 Baghouse	PM	0.12	0.51	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.51			
		PM _{2.5}	0.02	0.08			
E4-9	Rail Loading Baghouse	PM	0.03	0.14	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.03	0.14			
		PM _{2.5}	<0.01	0.02			
E4-10	Rail System Baghouse	PM	0.38	1.66	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.38	1.66			
		PM _{2.5}	0.06	0.25			
E4-11	Rail Loading No. 3 Baghouse	PM	0.12	0.52	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.52			
		PM _{2.5}	0.02	0.08			
E4-12	FM No. 6 Transfer Baghouse	PM	0.45	1.97	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.45	1.97			
		PM _{2.5}	0.07	0.30			
E4-13	Truck Loadout Baghouse	PM	0.05	0.22	2, 13	2, 13, 25, 27, 28, 29	2
		PM ₁₀	0.05	0.22			
		PM _{2.5}	0.01	0.03			
E4-16	Truck Loadout No. 2 Baghouse	PM	0.31	1.34	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.31	1.34			
		PM _{2.5}	0.05	0.20			
E4-17	Truck Loadout No.1 Baghouse	PM	0.31	1.34	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.31	1.34			
		PM _{2.5}	0.05	0.20			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E4-18	Truck Loading Baghouse	PM	0.31	1.34	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.31	1.34			
		PM _{2.5}	0.05	0.20			
E4-19	Packhouse Elevator Baghouse	PM	0.20	0.87	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.20	0.87			
		PM _{2.5}	0.03	0.13			
E4-21	Masonry Rail Loadout	PM	0.03	0.14	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.03	0.14			
		PM _{2.5}	<0.01	0.02			
E4-22	Truck Loadout Baghouse	PM	0.27	1.18	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.27	1.18			
		PM _{2.5}	0.04	0.18			
E4-23	Finish Silo Group No. 3 Baghouse Stack	PM	0.22	0.95	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.22	0.95			
		PM _{2.5}	0.03	0.14			
E4-24	No. 5 Bin Baghouse	PM	0.25	1.11	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.25	1.11			
		PM _{2.5}	0.04	0.17			
E4-26	No. 6 Bin Baghouse	PM	0.25	1.11	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.25	1.11			
		PM _{2.5}	0.04	0.17			
E4-28	No. 3 Load-out Spout Baghouse	PM	0.18	0.79	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.18	0.79			
		PM _{2.5}	0.03	0.12			

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E6-1	Coal Drop from Railcar to Rail Hopper (6)	PM	0.12	0.11	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.06	0.06			
		PM _{2.5}	0.01	0.01			
E6-2	Coal Drop from Rail Hopper to Belt (6)	PM	0.12	0.11	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.06	0.06			
		PM _{2.5}	0.01	0.01			
E6-4	Solid Fuel Storage Pile (6)	PM	0.10	0.44	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.05	0.22			
		PM _{2.5}	0.01	0.03			
E6-9	Coal Loader Drop to Hopper (6)	PM	0.07	0.11	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.04	0.06			
		PM _{2.5}	<0.01	0.01			
E6-10	Coal Crusher (6)	PM	0.03	0.04	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.02			
		PM _{2.5}	<0.01	<0.01			
E6-15	Coal Drop to Belt	PM	0.03	0.04	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.02			
		PM _{2.5}	<0.01	<0.01			
E6-18	Coal Drop to Stacker Belt (6)	PM	0.05	0.04	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.03	0.02			
		PM _{2.5}	<0.01	<0.01			
E6-27	Solid Fuel Conveyor Diverter Baghouse	PM	0.48	2.11	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.48	2.11			
		PM _{2.5}	0.07	0.32			

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E6-28	Solid Fuel Mill Bin Baghouse	PM	0.12	0.52	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.52			
		PM _{2.5}	0.02	0.08			
E6-31	Coal Fines Bin Baghouse	PM	0.01	0.06	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	0.01			
E7-01	Gypsum Hopper Drop (6)	PM	0.03	0.03	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.01			
		PM _{2.5}	<0.01	<0.01			
E7-01A	Additive Hopper	PM	0.07	0.07	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.03	0.03			
		PM _{2.5}	0.01	0.01			
E7-02	Gypsum Hopper Dust Collector Stack	PM	0.26	1.15	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.26	1.15			
		PM _{2.5}	0.04	0.17			
E7-02A	Additive Hopper Dust Collector Stack	PM	0.22	0.97	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.22	0.97			
		PM _{2.5}	0.03	0.15			
E7-04	Clinker Bin A & B Dust Collector Stack	PM	0.12	0.53	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.53			
		PM _{2.5}	0.02	0.08			
E7-05	Clinker Bin A & B Discharge Dust Collector Stack	PM	0.15	0.68	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E7-05A	Gypsum Weighfeeder and Mill Feed Belt Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			
E7-05B	Limestone Weighfeeder and Mill Feed Belt Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			
E7-05C	Additive Bin 4 - Weighfeeder and FM7 Feed Belt Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			
E7-06	LS/Gypsum Bin Dust Collector Stack	PM	0.17	0.75	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.17	0.75			
		PM _{2.5}	0.03	0.11			
E7-07	Limestone Bin Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			
E7-07A	Additive Bin 4 - Top Dust Collector Stack	PM	0.15	0.68	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.15	0.68			
		PM _{2.5}	0.02	0.10			
E7-09	CKD Bin Vent Receiving from Kiln #5 Dust Collector Stack	PM	0.18	0.80	2	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.18	0.80			
		PM _{2.5}	0.03	0.12			
E7-09A	CKD from Kiln #5 Transfer Tower Dust Collector Stack	PM	0.18	0.80	2	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.18	0.80			
		PM _{2.5}	0.03	0.12			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E7-10	Finish Mill No. 7 Material Feed Dust Collector Stack (mill feed and recirc)	PM	0.13	0.59	2	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.13	0.59			
		PM _{2.5}	0.02	0.09			
E7-10A	Mill Recirculation Circuit Dust Collector Stack	PM	0.05	0.24	2	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.05	0.24			
		PM _{2.5}	0.01	0.04			
E7-11	Finish Mill No. 7 Dust Collector Stack	PM	7.73	33.84	2, 13, 7, 21	2, 13, 17, 21 25, 26, 27, 28, 29	2, 17, 21, 30
		PM ₁₀	7.73	33.84			
		PM _{2.5}	2.05	8.97			
E7-12	Finish Mill No. 7 Airslides/Bucket Elevator Dust Collector Stack	PM	0.17	0.74	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.17	0.74			
		PM _{2.5}	0.03	0.11			
E7-13	Finish Mill No. 7 Airslides/Cement Coolers Dust Collector Stack	PM	0.12	0.52	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.52			
		PM _{2.5}	0.02	0.08			
E7-15	Cement Silo 1 Dust Collector Stack	PM	0.12	0.53	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.53			
		PM _{2.5}	0.02	0.08			
E7-16	Cement Silo 2 Dust Collector Stack	PM	0.48	2.10	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.48	2.10			
		PM _{2.5}	0.07	0.32			
E7-17	Cement Silo 3 Dust Collector Stack	PM	0.12	0.53	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.12	0.53			
		PM _{2.5}	0.02	0.08			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
E7-18	Cement Silo 1 Truck Loadout A Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	<0.01			
E7-19	Cement Silo 1 Truck Loadout B Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	<0.01			
E7-20	Cement Silo 2 Truck Loadout A Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	<0.01			
E7-21	Cement Silo 2 Truck Loadout B Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	<0.01			
E7-22	Cement Silo 3 Truck Loadout A Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	<0.01			
E7-23	Cement Silo 3 Truck Loadout B Dust Collector Stack	PM	0.01	0.06	2, 13	2, 13, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.06			
		PM _{2.5}	<0.01	<0.01			
E7-24	Limestone/Gypsum/Additive Pile (6)	PM	0.05	0.23	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.03	0.11			
		PM _{2.5}	<0.01	0.02			
SYNGYP7	Synthetic Gypsum Storage Pile (includes 5 drop points) (6)	PM	0.02	0.07	2	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	0.03			
		PM _{2.5}	<0.01	0.01			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
ALTF-1	Alt. Solid Fuels Truck Drop to Hopper (6)	PM	0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-2	Alt. Solid Fuels Screw Drop to Alt Fuel Belt 1 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-3	Alt. Solid Fuels Belt 1 Drop to Belt 2 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-4	Alt. Solid Fuels Belt 2 Drop to Belt 3 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-5	Alt. Solid Fuels Belt 3 Drop to Tower Hopper Screws (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-6	Alt. Solid Fuels Hopper Screws to Belt 4 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-7	Alt. Solid Fuels Belt 4 Drop to Belt 5 (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTF-8	Alt. Solid Fuels Belt 5 Drop to Feed Screw (6)	PM	<0.01	0.02	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
ALTM-1	Alternate Raw Material Loader Drop to Hopper (6)	PM	0.03	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
ALTM-2	Alternate Raw Material Hopper Drop to Belt (6)	PM	0.03	0.01	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
BIO-P-1	Alt. Solid Fuels Storage Pile	PM	0.04	0.18	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.09			
		PM _{2.5}	<0.01	0.01			
CAT-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.09			
		PM _{2.5}	<0.01	0.01			
CKDL-2	CKD Pile	PM	0.15	0.65	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.07	0.33			
		PM _{2.5}	0.01	0.05			
FLTC-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.09			
		PM _{2.5}	<0.01	0.01			
IRN-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.09			
		PM _{2.5}	<0.01	0.01			
WB-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2, 12	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.09			
		PM _{2.5}	<0.01	0.01			

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			lbs/hour	TPY (5)	Special Conditions/ Application Information	Special Conditions/ Application Information	Special Conditions/ Application Information
WD-P-1	Alt. Raw Material Storage Pile	PM	0.04	0.18	2	2, 25, 26, 27, 28, 29	2
		PM ₁₀	0.02	0.09			
		PM _{2.5}	<0.01	0.01			
MSSFUG	Inherently Low-Emitting Planned Maintenance Activities (6)	PM	1.47	1.25	2, 12, 20	2, 12, 25, 26, 27, 28, 29	2
		PM ₁₀	0.90	0.92			
		PM _{2.5}	0.31	0.36			
		NO _x	0.02	<0.01			
		CO	0.50	<0.01			
		SO ₂	0.01	0.01			
		VOC	1.45	<0.01			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code
 § 101.1 NO_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
 TRS - total reduced sulfur
 H₂S - hydrogen sulfide
 HCl - hydrogen chloride
 H₂SO₄ - sulfuric acid
 Hg - mercury
 Pb - lead
 CKD - Cement Kiln Dust
- (4) Planned maintenance, startup, and shutdown (MSS) emissions are included.
- (5) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (7) Compliance is based on a 30-day rolling average excluding periods of startup / shutdown.
- (8) Compliance is based on a 24-hr rolling average excluding periods of startup / shutdown.
- (9) Sources will be removed after installation of Finish Mill No. 7 and associated equipment.