Steven Piper

From: eNotice TCEQ
Sent: Monday, November 17, 2025 5:28 PM
To: Paul.bettencourt@senate.texas.gov; Tom.oliverson@house.texas.gov; Grace.Handley@house.texas.gov
Subject: TCEQ Notice - Permit Number O4688
Attachments: TCEQ Notice - O4688_39360.pdf

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

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

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Rhyan Stone with the Air Permits Division at (512) 239-1293.

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 17, 2025

THE HONORABLE PAUL BETTENCOURT
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 39360
Permit Number: O4688
Wyman-Gordon Forgings, Inc.
Wyman Gordon Forgings - Cypress Facility
Houston, Harris County
Regulated Entity Number: RN100217413
Customer Reference Number: CN600129167

Dear Senator Bettencourt:

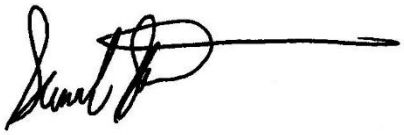
This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district. This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.651666,29.929444&level=13.

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

Re: Accepted Federal Operating Permit Significant Revision Application

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

Sincerely,



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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 17, 2025

THE HONORABLE TOM OLIVERSON
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Significant Revision Application
Project Number: 39360
Permit Number: O4688
Wyman-Gordon Forgings, Inc.
Wyman Gordon Forgings - Cypress Facility
Houston, Harris County
Regulated Entity Number: RN100217413
Customer Reference Number: CN600129167

Dear Representative Oliverson:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) significant revision application for a site located in your district.This application is being processed in an expedited manner, as allowed by the commission's rules in 30 Texas Administrative Code, Chapter 101, Subchapter J. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.651666,29.929444&level=13.

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

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

Sincerely,

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

APPENDIX C
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID 2830)

Appendix C includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **1**		
Unit/EPN/Group/Process ID No.: **2830**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX D
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID D132)

Appendix D includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **2**		
Unit/EPN/Group/Process ID No.: **D132**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-400**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX E
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID D249)

Appendix E includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **3**		
Unit/EPN/Group/Process ID No.: **D249**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX F
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID F120)

Appendix F includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **4**		
Unit/EPN/Group/Process ID No.: **F120**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX G
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID F121)

Appendix G includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **5**		
Unit/EPN/Group/Process ID No.: **F121**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX H
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID F276)

Appendix H includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **6**		
Unit/EPN/Group/Process ID No.: **F276**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX I
FORM OP-MON – MONITORING REQUIREMENTS UNIT ID F500)

Appendix I contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **7**		
Unit/EPN/Group/Process ID No.: **F500**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX J
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID G126)

Appendix J contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **8**		
Unit/EPN/Group/Process ID No.: **G126**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX K
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID G127)

Appendix K contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **9**		
Unit/EPN/Group/Process ID No.: **G127**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX L
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID M675)

Appendix L contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **10**		
Unit/EPN/Group/Process ID No.: **M675**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX M
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID M914)

Appendix M contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **11**		
Unit/EPN/Group/Process ID No.: **M914**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX N
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID Z757)

Appendix N contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **12**		
Unit/EPN/Group/Process ID No.: **Z757**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

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

Date: **08/15/2025**	
Permit No.: **O4688**	
Regulated Entity No.: **RN100217413**	
Company Name: **Wyman-Gordon Forging – Cypress Facility**	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	☒ YES ☐ NO
I. Application Type	
Indicate the type of application:	
☐ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☒ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ 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	☐ SO_2	☐ PM_{10}	☒ 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: **08/15/2025**
Permit No.: **O4688**
Regulated Entity No.: **RN100217413**
Company Name: **Wyman-Gordon Forging – Cypress Facility**

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

Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	SIG-A	NO	2830	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
2	SIG-A	NO	D132	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
3	SIG-A	NO	D249	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
4	SIG-A	NO	F120	OP-MON	57	"Case by Case" Monitoring Change
5	SIG-A	NO	F121	OP-MON	57	"Case by Case" Monitoring Change
6	SIG-A	NO	F276	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
7	SIG-A	NO	F500	OP-MON	57	"Case by Case" Monitoring Change
8	SIG-A	NO	G126	OP-MON	7	"Case by Case" Monitoring Change
9	SIG-A	NO	G127	OP-MON	7	"Case by Case" Monitoring Change
10	SIG-A	NO	M675	OP-MON	7	"Case by Case" Monitoring Change
11	SIG-A	NO	M914	OP-MON	65	"Case by Case" Monitoring Change
12	SIG-A	NO	Z757	OP-MON	PBR 106.183	"Case by Case" Monitoring Change

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

Date: **08/15/2025**		
Permit No.: **O4688**		
Regulated Entity No.: **RN100217413**		
Company Name: **Wyman-Gordon Forging – Cypress Facility**		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

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

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

Pollutant	Description of the Change in Pollutant Emissions

Form APD-EXP Expedited Permitting Request

I. Contact Information	
Company or Other Legal Customer Name: Wyman Gordon Foragings, Inc	
Customer Reference Number (CN): CN600129167	
Regulated Entity Number (RN): RN100217413	
Company Official or Technical Contact Name: Derek Schon	
Phone Number: 346-792-6885	
Email: derek.schon@wyman.com	
II. Project Information	
Facility Type: Wyman Gordon Forgings Cypress Facility	
Permit Number: O4668	
Project Number: TBD	
III. Economic Justification	
The purpose of the application associated with this request to expedite will benefit the economy of this state or an area of this state.	☒ YES ☐ NO
IV. Delinquent Fees and Penalties	
Applications will not be expedited if any delinquent fees and/or penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/delin/index.html.	
V. Signature	
The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. As the applicant, I commit to fulfilling all expectations of the expedited permitting program and application requirements promptly. Failure to meet any expectation or requirement may cause my application to be removed from the expedited permitting program and possibly voided at the discretion of the TCEQ Executive Director. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties.	
Name: Michael O'Brien	
Signature: M O'Brien	
Date: 10/1/25	

Reset Form

Texas Commission on Environmental Quality

Title V Existing

4688

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	WYMAN GORDON FORGINGS - CYPRESS FACILITY
Does the site have a physical address?	Yes
Physical Address	
Number and Street	10825 TELGE RD
City	HOUSTON
State	TX
ZIP	77095
County	HARRIS
Latitude (N) (##.######)	29.929444
Longitude (W) (-###.######)	95.651666
Primary SIC Code	3462
Secondary SIC Code	
Primary NAICS Code	331210
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100217413
What is the name of the Regulated Entity (RE)?	WYMAN GORDON FORGINGS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	10825 TELGE RD
City	HOUSTON
State	TX
ZIP	77095
County	HARRIS
Latitude (N) (##.######)	29.917222
Longitude (W) (-###.######)	-95.649166
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600129167
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	Wyman-Gordon Forgings, Inc.
Texas SOS Filing Number	800094613
Federal Tax ID	760203655
State Franchise Tax ID	17602036554

State Sales Tax ID	
Local Tax ID	
DUNS Number	9027970
Number of Employees	
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:	
Organization Name	WYMAN-GORDON FORGINGS INC
Prefix	MR
First	MICHAEL
Middle	
Last	OBRIEN
Suffix	
Credentials	
Title	VP WYMAN GORDON FORGINGS INC
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	10825 TELGE RD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77095
Phone (###-###-####)	2818569900
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	mlobrien@wyman.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	Wyman Gordon Forgings Inc
Prefix	MR
First	Derek
Middle	
Last	Schon
Suffix	
Credentials	
Title	Environmental Specialist
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)	10825 TELGE RD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77095
Phone (###-###-####)	3467926885
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	derek.schon@wyman.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 55 Min 46 Sec
3) Permit Longitude Coordinate:	95 Deg 39 Min 6 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?	Significant 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)

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

[File Properties]

File Name	OP_2_20250922 Final Wyman TitleV Modification OP-2.pdf
Hash	0AE37F37BCF2F3B1B06D9E810725B61820DF26DF82D68B7E23C3D29B69BFAF07
MIME-Type	application/pdf

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

[File Properties]

File Name	OP_MON_20250922 Final Wyman TitleV Modification OP-MON.pdf
Hash	401CDE9BE456AD2F78B055E8A279BAE8933420B4866869327790AE72F76FEC5E
MIME-Type	application/pdf

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	20250922 Final Wyman TitleV Modification.pdf
Hash	B1F1145E8EEB4270C7E58C342002992305CB85B5C0A8A30597669C44FBCA8C01
MIME-Type	application/pdf

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

[File Properties]

File Name	Expedited Permit Document.pdf
Hash	B96BA168639FB17B102A3FBEF74F265E710095A30A0139D9643EC8CCBB028E17
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?	Yes
1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state?	Yes
1.2. Select the applicable expedited surcharge.	$10,000

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 Michael L Obrien, the owner of the STEERS account ER112908.
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 enforcemer 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 4688.
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: Michael L Obrien OWNER OPERATOR

Account Number:	ER112908
Signature IP Address:	24.206.70.225
Signature Date:	2025-11-05
Signature Hash:	4D8246316C0D8EF76EF71B1D9D0941BFCC30DFFC242DC939700DD6515E9CF5E4
Form Hash Code at time of Signature:	0F36E6475B1DF4A041AF9C5E67BE0C52BF33F46989FB2D44A17C33D39BBBEF83

Fee Payment

Transaction by:	The expedited fee payment transaction was made by ER112908/Michael L Obrien
Paid by:	The expedited fee was paid by BRIAN A WENGER
Fee Amount:	$10000.00
Paid Date:	The expedited fee was paid on 2025-11-11
Transaction/Voucher number:	The transaction number is 582EA000694414 and the voucher number is 793225

Submission

Reference Number:	The application reference number is 819811
Submitted by:	The application was submitted by ER112908/Michael L Obrien
Submitted Timestamp:	The application was submitted on 2025-11-14 at 11:06:48 CST
Submitted From:	The application was submitted from IP address 24.206.70.225
Confirmation Number:	The confirmation number is 694448
Steers Version:	The STEERS version is 6.93
Permit Number:	The permit number is 4688

Additional Information

Application Creator: This account was created by Roberta M Boyer

WYMAN GORDON
A PCC Company

September 19, 2025

SUBMITTED VIA STEERS

Texas Commission on Environmental Quality
Air Permits Initial Review Team, Mail Code 161
P. O. Box 13087
Austin, Texas 78711-3087

RE: Significant Permit Revision Application
Federal Operating Permit Number O4688
Wyman-Gordon Forgings, Inc. – Cypress Facility
TCEQ Air Acct No. HG-0114-A
Regulated Entity No. 100217413, Customer Reference No. 600129167

To Whom It May Concern:

Wyman-Gordan Forgings – Cypress Facility (Wyman) submits this enclosed Significant Permit Revision Application for Federal Operating Permit (or Title V Operating Permit) Number O4688. Enclosed are the following application forms:

- OP-CRO1 – Certification by Responsible Official.
- OP-2 – Application for Permit Revision/Renewal.
- OP-MON – CAM/PM Case-by-Case Additions.

If you have any questions regarding the information presented in this report, please contact me at (346) 792-6885 or via email at Derek.Schon@wyman.com with any questions.

Sincerely,

Derek Schon
Environmental Specialist

Enclosure

cc: US EPA Region 6, Air Enforcement Branch ECDA, R6AirPermitsTX@epa.gov

PRESENTED TO:

Wyman-Gordon Forging
Cypress Facility

Houston, Texas (Harris County)

Application for Significant Revision to Title V Permit Number (No.) O4668

August 2025

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SECTION 1
PERMIT-BY-RULE (PBR) AUTHORIZATION

1.1 Overall Facility Information

Wyman-Gordon Forgings, Inc. (Wyman-Gordon) owns and operates the Cypress Facility in Houston, Texas (Harris County). This facility produces iron and steel forged and extruded parts. Table 1-1 provides overall facility information. Located at the end of this section, Figure 1-1 shows the general site location map; Figure 1-2 shows the surrounding area map; and Figure 1-3 shows the facility plot plan. Any CONFIDENTIAL BUSINESS INFORMATION is submitted under a separate cover to the Texas Commission on Environmental Quality (TCEQ).

Table 1-1 Overall Facility Information

General Information Criteria	General Information Value
Applicant:	Wyman-Gordon Forgings, Inc.
RN Number[01]:	RN100217413
CN Number[02]:	CN600129167
Air Account	HG0114A
Facility Name:	Wyman-Gordon Forgings – Cypress Facility
Facility Location:	Houston, Texas
County:	Harris County
Street Address:	10825 Telge Road, Houston, Texas 77095
Mailing Address:	10825 Telge Road, Houston, Texas 77095
NSR Permit Number[03]:	Permit-By-Rule (PBR) 98495, 107364, 107365, 107366, & 150212 Standard Exemption (SE) 34274, 107368, & 107367
PSD Permit Number[04]:	Not Applicable
GHG Permit Number[05]:	Not Applicable
Title V Permit Number[06]:	O4688
SIC Code[07]	3462, 3463
NAICS Code[08]	331210, 332211

Note(s):

[01]. Texas Commission on Environmental Quality (TCEQ) Regulated Entity Number (RN) references the *"Regulated Entity"*, which is a person, organization, place, or thing that is of environmental interest to TCEQ where regulatory activities of interest to the Agency occur or have occurred in the past. Examples are a site, facility or license.

[02]. TCEQ Customer Number (CN) references the *"Customer"*, which is an Individual or Organization responsible for one or more Regulated Entities. Examples include owners, operators, or responsible parties of a site or an individual who holds a license.

[03]. New Source Review (NSR) permit number. This is the permit number at the time of this authorization.

[04]. Prevention of Significant Deterioration (PSD) permit number. This is the permit number at the time of this authorization.

[05]. Greenhouse Gas (GHG) permit number. This is the permit number at the time of this authorization.

[06]. Title V permit number. This is the permit number at the time of this authorization.

[07]. Primary Standard Industrial Classification (SIC) code for this facility.

[08]. Primary North American Industry Classification System (NAICS) code for this facility.

1.2 Proposed Modification

On July 23, 2025, Wyman Gordon received an initial Tile V permit[1] for the Cypress Facility from the Texas Commission on Environmental Quality (TCEQ). This application proposes to change periodic monitoring (PM) requirements for the following Unit Identifiers (UNIT IDs).

Table 1-2 Summary of Affected Sources

Unit Identification (ID)[01]	Emission Unit Name/Description	NSR Approval Mechanism	NSR Mechanism Date
2830	CARBOTTOM FURNACE (ENERGY DEPT)	106.183	9/4/1995
D132	CARBOTTOM FURNACE (ENERGY DEPT)	106.183	9/4/2000
D249	CARBOTTOM FURNACE (ENERGY/MELT SHOP DEPT)	106.183	9/4/1995
F120	ROTARY FURNACE (ENERGY DEPT)	57	10/4/1995
F121	ROTARY FURNACE (ENERGY DEPT)	57	10/4/1995
F276	CARBOTTOM FURNACE (ENERGY DEPT)	106.183	9/4/2000
F500	ROTARY FURNACE (ENERGY DEPT)	57	10/4/1995
G126	ROTARY FURNACE (TURBINE FORGE DEPT)	7	10/4/1995
G127	ROTARY FURNACE (TURBINE FORGE DEPT)	7	10/4/1995
M675	CARBOTTOM FURNACE (TURBINE HT DEPT)	7	10/4/1995
M914	CARBOTTOM FURNACE (TURBINE HT DEPT)	65	5/5/1976
Z757	CORE ROTARY FURNACE (ENERGY DEPT)	106.183	9/4/2000

Note(s):
[01]. Unit Identification (Unit ID) is unique identifier in Title V permit.

The facility proposes to monitor fuel flow to ensure good combustion as a control for Carbon Monoxide (CO) instead of periodic measurements of CO using a portable analyzer.

[1] Initial Permit Issuance (TCEQ Project Number 37203) on July 23, 2025 for O4688. The following supporting files are available on TCEQ website:

1. Final Action: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8983305&Rendition=Web&SearchID=14302860&searchType=External.
2. Statement of Basis: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8820768&Rendition=Web&SearchID=14302860&searchType=External.
3. Site Operating Permit: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8980135&Rendition=Web&SearchID=14302860&searchType=External.
4. Public Notice: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8820163&Rendition=Web&SearchID=14302860&searchType=External.

1.3 Title V Revision Application

The application is a significant revision to the current Title V permit. This application is submitted by State of Texas Electronic Environmental Reporting System (STEERS). This application includes the following supporting information:

- General Information.
  - General Site Location Map (Figure 1-1).
  - Surrounding Area Map (Figure 1-2).
  - Facility Plot Plan (Figure 1-3).
  - Process Description (Section 1.4).
  - Process Flow Diagram (Figure 1-4 and Figure 1-5).
  - Current Title V Permit (Appendix O).
- Title V Forms.
  - Form OP-CRO1 – Certification by Responsible Official (Appendix A).
  - Form OP-2 – Application for Permit Revision/Renewal (Appendix B).
  - Form OP-MON – Monitoring Requirements (Appendix C through Appendix N).

1.4 Overall Process Description

The Wyman-Gordon Forgings – Cypress Facility (or Cypress Facility) produces iron and steel forged and extruded parts. The majority of forged parts consist of either shapes used in mechanical applications, which are made to customer specifications, or stock piping of various lengths and thicknesses which are sold for secondary use in other industries. The Cypress Facility also produces stock forged parts and coated piping. The forging process employs primary iron and steel billets, pigs, ingots, and other shapes that are purchased from suppliers. The facility discontinued in-house metal melting and production of primary iron and steel in 1984.

The facility operates on a potential schedule of 24 hours per day (hours/day), 7 days per week (days/week), 50 weeks per year (weeks/year), at an annual schedule of 8,400 hours per year (hours/year). Specific units and processes may have an operation schedule that is less than 8,400 hours per year or that may operate intermittently on an *"as needed"* basis. In general, the significant majority of emission sources at the Cypress Facility are covered by one or more Standard Exemptions, most of which were authorized prior to 1991. The facility also has several Permit-By-Rules (PBRs) that cover specific equipment or process areas.

The Cypress Facility includes the following plant operational areas:

- Forge Shop - Heat Treatment Area.
- Extrusion Building - Machine Shop Area.

- Extrusion Building - Pipe Shop Area.
- Melt Shop and VAR Shop.
- Miscellaneous Plant Buildings and Plant Equipment

1.4.1 Forge Shop – Heat Treatment Area

The Forge Shop and Heat Treatment Area operations consist of the following source types:

- Primary metal stock and forged part heat treat furnaces.
- Abrasive cut off equipment.
- Forged part and primary metal stock cleaning and grinding.
- Surface coating of billets prior to forging.
- Heat treat oil quenching.
- Cold solvent parts washing.
- Gasoline and diesel storage for facility in-plant vehicle and equipment refueling.

Emissions from these sources consist primarily of particulates, products of combustion from the furnaces, and VOC from surface coating, parts washing, and fueling. Furnaces are natural gas fired and do not employ any emissions controls. Cleaning and grinding equipment employ baghouse dust collectors as control devices. Baghouse efficiencies range from 95% to > 99.9% for particulate removal. Block presses, an oil quench tank, and abrasive cut off equipment do not employ control devices due to the nature of the machinery configurations. Surface coating is performed in a booth with a dry filter control. Fuel tanks and vehicle fuel dispensing stations are fitted with vapor controls in accordance with Regulation V. Cold solvent parts washers employ high flash naphtha. Figure 1-4 provides a process flow diagram for Forge Shop.

1.4.2 Extrusion Building – Machine Shop Area

The Machine Shop Area of the Extrusion Building consists of the following source types:

- Primary metal stock and forged part heat treat furnaces.
- Abrasive cut off equipment for obtaining inspection coupons.
- Abrasive cut off equipment for forged parts.
- Arc welding and maintenance welding of parts and equipment.
- Metallurgy lab.
- Coarse grinding and cleaning of forged parts.
- Fine grinding and deburring of miscellaneous parts.

- Liquid penetrant inspection of parts.
- Cold solvent parts washing.

Emissions from these sources consist of particulates, products of combustion from welding, trace amounts of acid from the metallurgy lab, and VOC from parts washers and liquid penetrant inspection. Furnaces are natural gas fired and do not employ any emissions controls. Arc welding and maintenance welding stations have exhaust hood pickups but do not employ emission controls. Cleaning and grinding equipment employ baghouse dust collectors as control devices. Baghouse efficiencies range from 95% to > 99.9% for particulate removal. Abrasive cut off equipment does not employ control devices due to the nature of the machinery configurations. Liquid penetrant inspection of machined parts is performed in a designated area and does not employ emission controls. The metallurgical lab employs small amounts of acid for testing of metal samples. The lab hoods are directly vented to atmosphere through a stack. Cold solvent parts washers employ high flash naphtha. Figure 1-5 provides a process flow diagram for Extrusion Shop.

1.4.3 Extrusion Building – Pipe Shop Area

The Pipe Shop area of the Extrusion Building consists of the following source types:

- Pipe stock heating and heat treat furnaces.
- Coarse grinding and cleaning of pipe stock.
- Cold solvent parts washing.
- Sonic inspection of pipe stock.
- Surface coating of pipe stock.

Emissions from these sources consist of products of combustion from the furnaces, particulates, and VOC from parts washing and pipe surface coating. Furnaces are natural gas fired and do not employ any emissions controls. Cleaning and grinding equipment employ baghouse dust collectors as control devices. Baghouse efficiencies range from 95% to > 99.9% tor particulate removal. Sonic inspection of pipe sections is performed in a designated area and does not generate emissions. Pipe coating is performed in two designated open areas inside the Extrusion/Pipe Shop building. Cold solvent parts washers employ high flash naphtha and water based cleaner-where practical. Figure 1-5 provides a process flow diagram for Extrusion Shop.

1.4.4 Melt Shop and VAR Shop

The Melt Shop and VAR Shop consist of the following source types:

- Torch cropping of primary metal stock prior to extrusion and heat treat
- Heat treating and quenching of forged and extruded parts.
- Surface preparation, coating, painting, and cleaning of pipe and forged parts for bomb casings (Bomb Line).
- Surface grinding of primary metal stock prior to extrusion.

- Primary metal stock heat treating and secondary melting.
- Secondary melting crucible cleaning.
- Diesel fuel storage for facility in-plant vehicle and equipment refueling.

Emissions from these areas consist of particulates from metal and crucible cleaning, products of combustion from furnaces, particulates from metal surface preparation of bomb casings, VOC from bomb casing coating and painting, and VOC from fueling. Furnaces are natural gas fired and do not employ any emissions controls. Secondary melting of metal stock is accomplished in holding crucibles with electric furnaces that do not generate emissions. Crucible cleaning and surface grinding equipment employ baghouse dust collectors as control devices. Baghouse efficiencies range from 95% to > 99.9% tor particulate removal. Surface preparation at the Bomb Line is performed in small tanks inside the Melt Shop building. The fugitive emissions are vented inside the building. Coating of bombshell casings takes place in a spray booth with a dry filter system. A diesel fuel tank with fuel dispensing station is fitted with vapor controls in accordance with Regulation V.

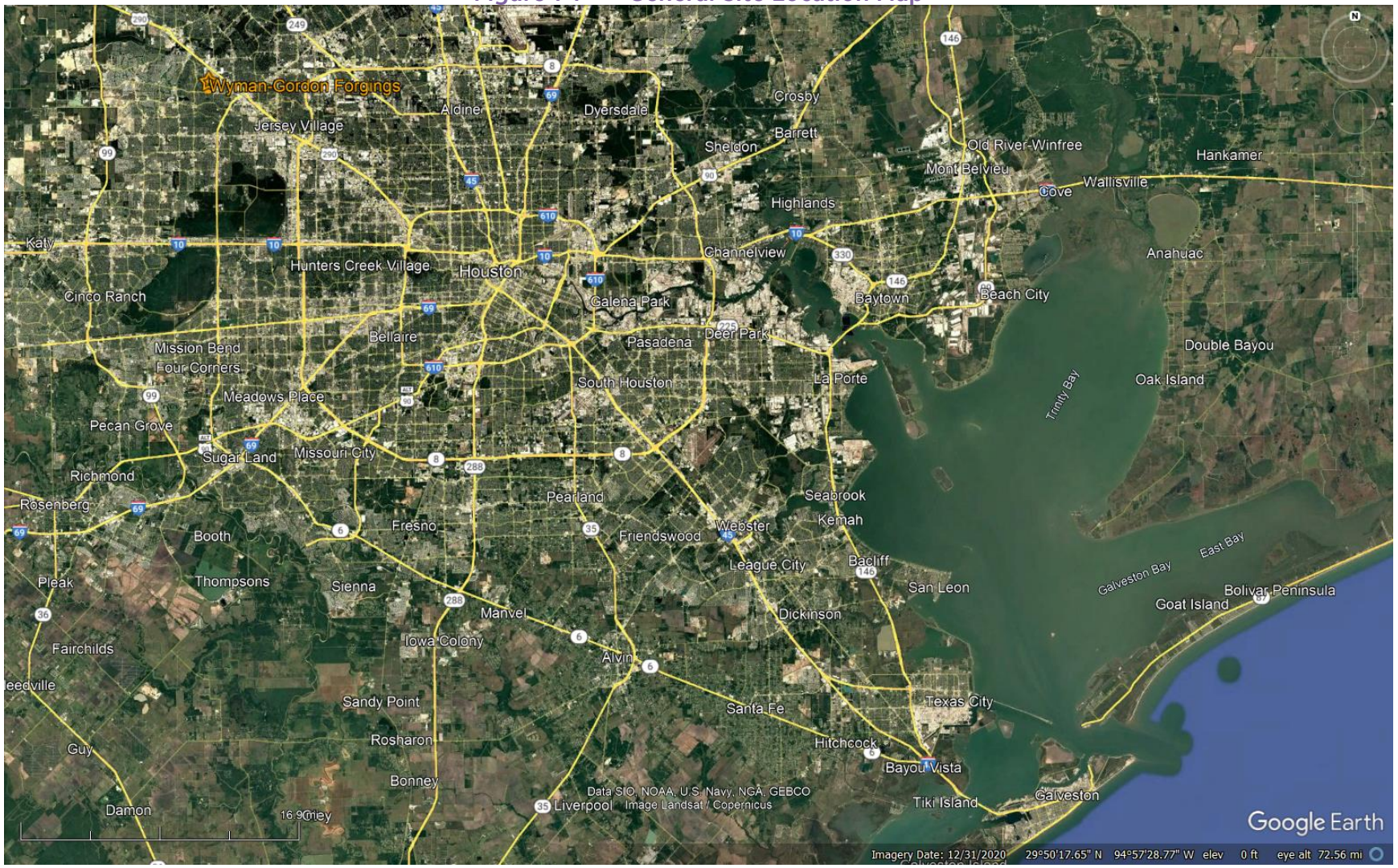
1.4.5 Miscellaneous Plant Buildings and Plant Equipment

Miscellaneous plant emissions and operations include the following source types:

- Emergency power diesel generator operated by internal combustion engine.
- Acid etch metal preparation line.
- Research and Development (R&D) test furnace.
- Wastewater treatment evaporator.
- Facility maintenance cold solvent parts washer.

Emissions from miscellaneous plant sources include products of combustion from the backup emergency diesel generator, the wastewater treatment evaporator, and the R&D furnace, particulates from the acid etch metal preparation line, and VOC from the maintenance parts washer. The emergency diesel generator is exempt from control and emission specification provisions of Regulation VII since it operates less than 850 hours per year and has a workload capacity less than 150 hp. The permitted acid etch line employs three wet scrubbers as emission controls. The R & D furnace and wastewater treatment system evaporator are natural gas fired and do not employ any emissions controls. The maintenance shop cold solvent parts washer employs high flash naphtha.

Figure 1-1 General Site Location Map



Note(s):

- The location of Wyman-Gordon Forgings [RN100217413] depicted by an orange star in this figure.

Figure 1-2 Surrounding Area Map

Note(s):

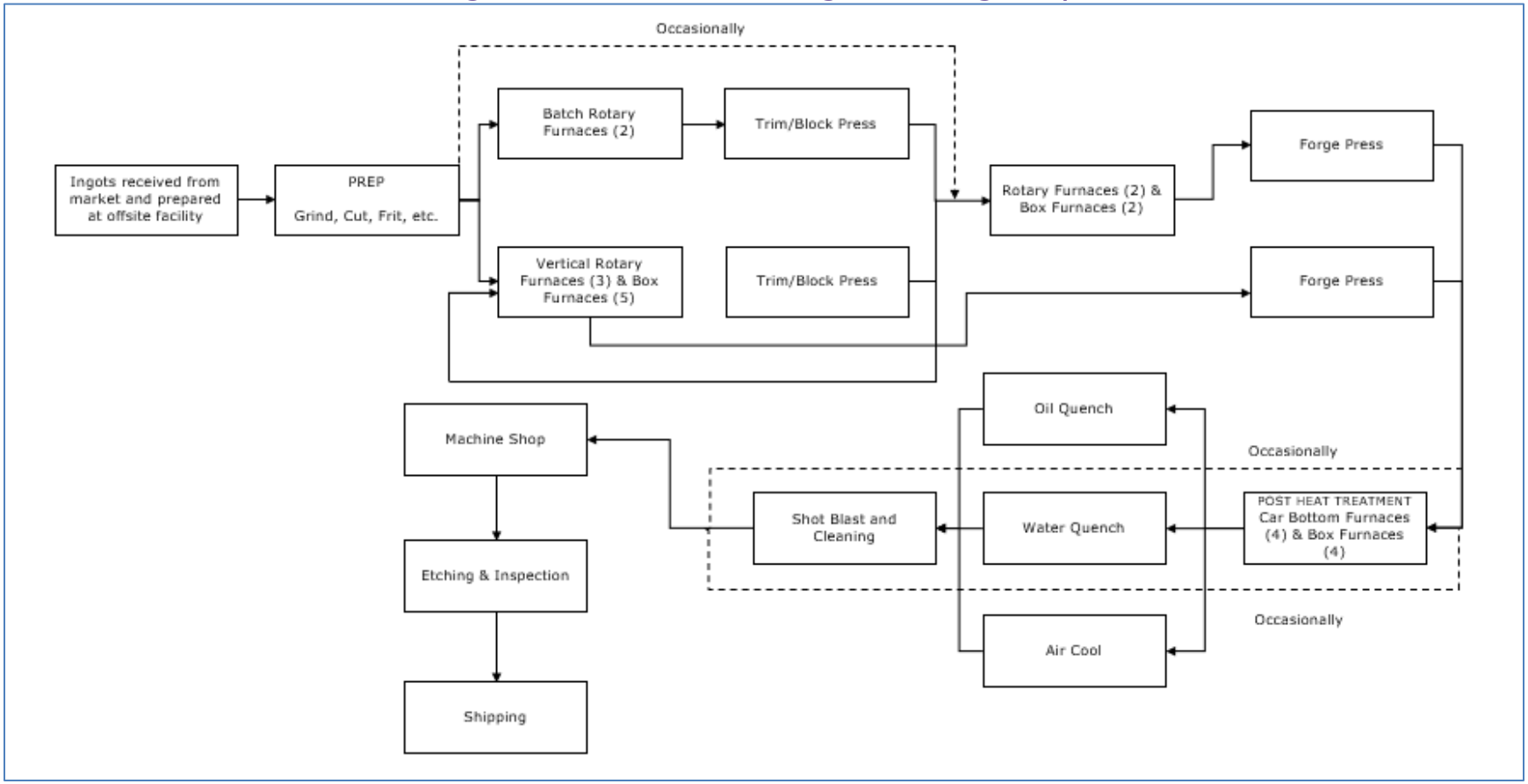
- The location of Wyman-Gordon Forgings [RN100217413] depicted by the orange line in this figure.
- 3,000 feet from the property line for the facility is depicted by a white line in this figure.

Figure 1-3 Facility Plot Plan

Note(s):

- The property line for the Wyman-Gordon Forgings [RN100217413] depicted by the orange line in this figure.

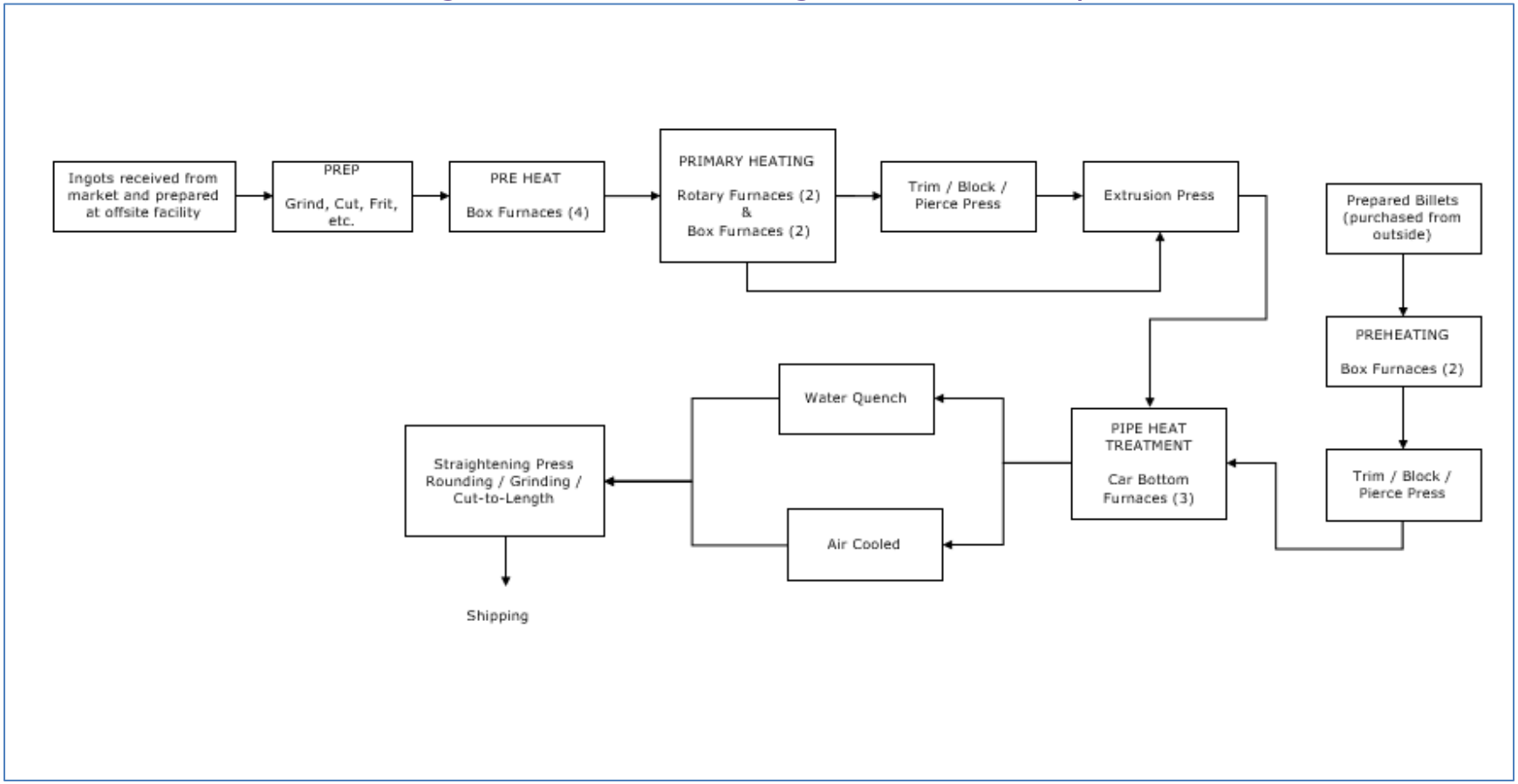
Figure 1-4 Process Flow Diagram for Forge Shop



Note(s):

- Additional process flow diagrams are considered CONFIDENTIAL BUSINESS INFORMATION (as such will be supplied upon request under a separate cover).

Figure 1-5 Process Flow Diagram for Extrusion Shop



Note(s):

- Additional process flow diagrams are considered CONFIDENTIAL BUSINESS INFORMATION (as such will be supplied upon request under a separate cover).

APPENDIX A
FORM OP-CRO1 – CERTIFICATION BY RESPONSIBLE OFFICIAL

Appendix A contains the following:

Note(s):
[01]. None.

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: **RN100217413**	
CN: **CN600129167**	
Account No.: **HG0114A**	
Permit No.: **O4688**	
Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility	
Company Name: Wyman-Gordon Forgings – Cypress Facility	
II. Certification Type *(Please mark appropriate box)*	
☒ Responsible Official Representative	☐ Duly Authorized Representative
III. Submittal Type *(Please mark appropriate box) (Only one response can be accepted per form)*	
☐ SOP/TOP Initial Permit Application	☒ Permit Revision, Renewal, or Reopening
☐ GOP Initial Permit Application	☐ Update to Permit Application
☐ 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, Michael O'Brien certify that I am the Responsible Official (RO)

(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: 9-19-2025 _____ _____ _____

(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

_____ _____

(Date 5) *(Date 6)*

Signature: Michael OBrien Signature Date: 9-19-25

Title: Vice President

APPENDIX B
FORM OP-2 – APPLICATION FOR PERMIT REVISION

Appendix B includes the following:

Note(s):
[01]. None.

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

Date: **08/15/2025**	
Permit No.: **O4688**	
Regulated Entity No.: **RN100217413**	
Company Name: **Wyman-Gordon Forging – Cypress Facility**	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	☒ YES ☐ NO
I. Application Type	
Indicate the type of application:	
☐ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
☒ Significant Revision	
☐ Revision Requesting Prior Approval	
☐ Administrative Revision	
☐ Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☒ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ 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	☐ SO_2	☐ PM_{10}	☒ 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: **08/15/2025**
Permit No.: **O4688**
Regulated Entity No.: **RN100217413**
Company Name: **Wyman-Gordon Forging – Cypress Facility**

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

Revision No.	Revision Code	New Unit	Unit/Group ID No.	Process Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	SIG-A	NO	2830	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
2	SIG-A	NO	D132	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
3	SIG-A	NO	D249	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
4	SIG-A	NO	F120	OP-MON	57	"Case by Case" Monitoring Change
5	SIG-A	NO	F121	OP-MON	57	"Case by Case" Monitoring Change
6	SIG-A	NO	F276	OP-MON	PBR 106.183	"Case by Case" Monitoring Change
7	SIG-A	NO	F500	OP-MON	57	"Case by Case" Monitoring Change
8	SIG-A	NO	G126	OP-MON	7	"Case by Case" Monitoring Change
9	SIG-A	NO	G127	OP-MON	7	"Case by Case" Monitoring Change
10	SIG-A	NO	M675	OP-MON	7	"Case by Case" Monitoring Change
11	SIG-A	NO	M914	OP-MON	65	"Case by Case" Monitoring Change
12	SIG-A	NO	Z757	OP-MON	PBR 106.183	"Case by Case" Monitoring Change

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

Date: **08/15/2025**		
Permit No.: **O4688**		
Regulated Entity No.: **RN100217413**		
Company Name: **Wyman-Gordon Forging – Cypress Facility**		
I.	**Significant Revision** *(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)*	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☒ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required: Spanish	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☒ NO

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

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

Pollutant	Description of the Change in Pollutant Emissions

APPENDIX C
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID 2830)

Appendix C includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **1**		
Unit/EPN/Group/Process ID No.: **2830**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX D
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID D132)

Appendix D includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **2**		
Unit/EPN/Group/Process ID No.: **D132**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-400**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX E
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID D249)

Appendix E includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **3**		
Unit/EPN/Group/Process ID No.: **D249**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX F
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID F120)

Appendix F includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **4**		
Unit/EPN/Group/Process ID No.: **F120**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX G
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID F121)

Appendix G includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **5**		
Unit/EPN/Group/Process ID No.: **F121**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX H
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID F276)

Appendix H includes the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **6**		
Unit/EPN/Group/Process ID No.: **F276**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX I
FORM OP-MON – MONITORING REQUIREMENTS UNIT ID F500)

Appendix I contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **7**		
Unit/EPN/Group/Process ID No.: **F500**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-40-100**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX J
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID G126)

Appendix J contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **8**		
Unit/EPN/Group/Process ID No.: **G126**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX K
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID G127)

Appendix K contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **9**		
Unit/EPN/Group/Process ID No.: **G127**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX L
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID M675)

Appendix L contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **10**		
Unit/EPN/Group/Process ID No.: **M675**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX M
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID M914)

Appendix M contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **11**		
Unit/EPN/Group/Process ID No.: **M914**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX N
FORM OP-MON – MONITORING REQUIREMENTS (UNIT ID Z757)

Appendix N contains the following:

Note(s):
[01]. None.

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.: **HG0114A**	RN No.: **RN100217413**	CN: **CN600129167**
Permit No: O4688	Project No.: **TBD**	
Area Name: Wyman-Gordon Forgings – Cypress Facility		
Company Name: Wyman-Gordon Forgings – Cypress Facility		
II. Unit/Emission Point/Group/Process Information		
Revision No.: **12**		
Unit/EPN/Group/Process ID No.: **Z757**		
Applicable Form: **OP-UA1**		
III. Applicable Regulatory Requirement		
Name: **30 TAC Chapter 117, Subchapter B**		
SOP/GOP Index No.: **R7300-20-40**		
Pollutant: **CO**		
Main Standard: **§117.310(c)(1)**		
Monitoring Type: **PM**		
Unit Size: **SM**		
Deviation Limit: **400 ppmv**		
IV. Control Device Information		
Control Device ID No.:		
Device Type:		
V. CAM Case-by-case		
Indicator:		
Minimum Frequency:		
Averaging Period:		
QA/QC Procedures:		
Verification Procedures:		
Representative Date:		
VI. Periodic Monitoring Case-by-case		
Indicator: **Fuel Flow**	Minimum Frequency: **once per week**	
Averaging Period: **Annual**		
Periodic Monitoring Text: **Computerized Data Acquisition System**		

APPENDIX O
CURRENT TITLE V PERMIT (O4688)

Appendix O contains the following:

Note(s):
[01]. None.

[2] Initial Permit Issuance (TCEQ Project Number 37203) on July 23, 2025 for O4688. The following supporting files are available on TCEQ website:

1. Final Action: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8983305&Rendition=Web&SearchID=14302860&searchType=External.
2. Statement of Basis: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8820768&Rendition=Web&SearchID=14302860&searchType=External.
3. Site Operating Permit: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8980135&Rendition=Web&SearchID=14302860&searchType=External.
4. Public Notice: https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_EXTERNAL_SEARCH_GET_FILE&dID=8820163&Rendition=Web&SearchID=14302860&searchType=External.

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Wyman-Gordon Forgings, Inc.

AUTHORIZING THE OPERATION OF
Wyman Gordon Forgings - Cypress Facility
Iron and Steel Pipe and Tube Manufacturing from Purchased Steel

LOCATED AT
Harris County, Texas
Latitude 29° 55′ 46″ Longitude 95° 39′ 6″
Regulated Entity Number: RN100217413

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: O4688 Issuance Date: July 23, 2025

K Keel

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

   A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

   B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

   C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

   D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, §113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.

F. The permit holder shall comply with the following 30 TAC Chapter 101, Subchapter H, Division 3 (Mass Emission Cap and Trade Program) Requirements:

(i) Title 30 TAC § 101.352 (relating to General Provisions)

(ii) Title 30 TAC § 101.353 (relating to Allocation of Allowances)

(iii) Title 30 TAC § 101.354 (relating to Allowance Deductions)

(iv) Title 30 TAC § 101.356 (relating to Allowance Banking and Trading)

(v) Title 30 TAC § 101.359 (relating to Reporting)

(vi) Title 30 TAC § 101.360 (relating to Level of Activity Certification)

(vii) The terms and conditions by which the emission limits are established to meet or exceed the cap are applicable requirements of this permit

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity

averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

(3) Records of all observations shall be maintained.

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

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

(5) Compliance Certification:

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

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

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

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

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

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

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

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Permit holders for sites that have materials handling, construction, roads, streets, alleys, and parking lots shall comply with the following requirements:

(i) Title 30 TAC § 111.143 (relating to Materials Handling)

(ii) Title 30 TAC § 111.147 (relating to Roads, Streets, and Alleys)

(iii) Title 30 TAC § 111.149 (relating to Parking Lots)

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).

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

A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities, constructed prior to November 15, 1992, with transfers to stationary storage tanks located at a facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

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

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

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

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

6. The permit holder shall comply with the following requirements of 30 TAC Chapter 117:

A. For stationary reciprocating engines exempt from Subchapter D, Division 1 at minor sources of NO_x under 30 TAC § 117.2003(a), the permit holder shall comply with 30 TAC §§ 117.2030(c), 117.2035(g), 117.2045(b) and 117.2045(c).

(i) Title 40 CFR § 61.152(a)(1) - (3) (relating to Air-Cleaning), for fabric filter requirements

7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

8. For the individual drain systems specified in 40 CFR Part 63, Subpart RR, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.490 incorporated by reference):

A. Title 40 CFR § 63.962(a), (a)(1), (a)(2), (a)(3)(i) - (ii), (b)(1), (b)(2), (b)(2)(i)(A) - (B), (b)(2)(ii), (b)(3)(i), (b)(3)(ii)(A), (b)(3)(ii)(B)(1) - (3), (b)(4), and (b)(5)(i) - (iii) (relating to Standards)

B. Title 40 CFR § 63.964(a)(1)(i)(A) - (B), (a)(1)(ii) - (iv), (a)(2), (b)(1) - (2) (relating to Inspection and Monitoring Requirements)

C. Title 40 CFR § 63.965(a), (a)(1) - (3), (b) (relating to Recordkeeping Requirements)

D. Title 40 CFR § 63.966 (relating to Reporting Requirements)

9. For each gasoline dispensing facility, with a throughput of less than 10,000 gallons per month as specified in 40 CFR Part 63, Subpart CCCCCC, the permit holder shall comply with the following requirements (Title 30 TAC, Subchapter C, § 113.1380 incorporated by reference):

A. Title 40 CFR § 63.11111(e), for records of monthly throughput

B. Title 40 CFR § 63.11111(i), for compliance due to increase of throughput

C. Title 40 CFR § 63.11113(c), for compliance due to increase of throughput

D. Title 40 CFR § 63.11115(a), for operation of the source

E. Title 40 CFR § 63.11116(a) and (a)(1) - (4), for work practices

F. Title 40 CFR § 63.11116(b), for records availability

G. Title 40 CFR § 63.11116(d), for portable gasoline containers

Additional Monitoring Requirements

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 04/07/2025 in the application for project 37203), 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 contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

15. The permit holder shall adhere to the provisions in the Compliance Schedule attachment of this permit and submit certified progress reports consistent with the schedule established under 30 TAC § 122.132(d)(4)(C) and including the information specified in 30 TAC § 122.142(d)(2). Those emission units listed in the Compliance Schedule attachment shall adhere with the requirements in the Compliance Schedule attachment until operating fully in compliance with the applicable requirements.

16. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:

A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:

(i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:

(1) Title 30 TAC § 117.9020(2)(A), (C), and (D)

B. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.

17. Use of Emission Credits to comply with applicable requirements:

A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) Offsets for Title 30 TAC Chapter 116

B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)

(ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1

(iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

18. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

National Volatile Organic Compound Emission Standards for Consumer and Commercial Products

19. Permit holders for a site subject to the control technique guidelines of 40 CFR Part 59 shall meet the following requirements for national volatile organic compounds emission standards:

    A. The permit holder shall comply with 40 CFR Part 59, Subpart C for Commercial Products as specified in 40 CFR §§ 59.201 - 59.214, Tables 1 and 2, and Appendix A to Subpart C.

Permit Location

20. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

21. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Schedules

Applicable Requirements Summary

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
2830	PROCESS HEATERS/FURNACES	N/A	R7300-40-100	30 TAC Chapter 117, Subchapter B	No changing attributes.
A-506	SRIC ENGINES	N/A	R7300-NG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
A-506	SRIC ENGINES	N/A	63ZZZZ-NG1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
A-507	SRIC ENGINES	N/A	R7300-DSL1	30 TAC Chapter 117, Subchapter B	No changing attributes.
A-507	SRIC ENGINES	N/A	63ZZZZ-DSL4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
D132	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.
D249	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.
D408	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F120	PROCESS HEATERS/FURNACES	N/A	R7300-40-100	30 TAC Chapter 117, Subchapter B	No changing attributes.
F121	PROCESS HEATERS/FURNACES	N/A	R7300-40-100	30 TAC Chapter 117, Subchapter B	No changing attributes.
F276	PROCESS HEATERS/FURNACES	N/A	R7300-40-100	30 TAC Chapter 117, Subchapter B	No changing attributes.
F500	PROCESS HEATERS/FURNACES	N/A	R7300-40-100	30 TAC Chapter 117, Subchapter B	No changing attributes.
G126	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.
G127	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.

GRPCOLD	SOLVENT DEGREASING MACHINES	DEGR-3, DEGR-4, DEGR-6, DEGR-7, DEGR-9	R5412-001	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
H141	SRIC ENGINES	N/A	R7300-DSL1	30 TAC Chapter 117, Subchapter B	No changing attributes.
H141	SRIC ENGINES	N/A	63ZZZZ-DSL3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
H148	SRIC ENGINES	N/A	R7300-NG1	30 TAC Chapter 117, Subchapter B	No changing attributes.
H148	SRIC ENGINES	N/A	63ZZZZ-NG1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M675	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.
M914	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.
W829-2	STORAGE TANKS/VESSELS	N/A	R5112-005	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
Z541	SRIC ENGINES	N/A	R7300-DSL1	30 TAC Chapter 117, Subchapter B	No changing attributes.
Z541	SRIC ENGINES	N/A	63ZZZZ-DSL1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
Z542	SRIC ENGINES	N/A	R7300-DSL1	30 TAC Chapter 117, Subchapter B	No changing attributes.
Z542	SRIC ENGINES	N/A	63ZZZZ-DLS1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
Z543	SRIC ENGINES	N/A	R7300-DSL1	30 TAC Chapter 117, Subchapter B	No changing attributes.
Z543	SRIC ENGINES	N/A	63ZZZZ-DSL2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
Z757	PROCESS HEATERS/FURNACES	N/A	R7300-20-40	30 TAC Chapter 117, Subchapter B	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
2830	EU	R7300-40-100	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
2830	EU	R7300-40-100	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
A-506	EU	R7300-	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D)	Units exempted from the provisions of this division,	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f)	None

		NG1				except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.		[G]§ 117.345(f)(6)	
A-506	EU	63ZZZZ-NG1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.5 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i) [G]§ 63.6640(f)(4)(ii)	For each existing emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year; non-emergency, non-black start 4SRB stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year, located at an area source, you must comply with the requirements as specified in Table 2d.5.a-c.	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(a)-Table 7.4 § 63.6650(f) [G]§ 63.6650(h)
A-507	EU	R7300-DSL1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D) [G]§ 117.310(f)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations, except that operation for testing or maintenance purposes is allowed for up	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None

						to 52 hours per year, based on a rolling 12-month average.			
A-507	EU	63ZZZZ-DSL4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6604(b) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i) [G]§ 63.6640(f)(4)(ii)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(a)-Table 7.4 § 63.6650(f) [G]§ 63.6650(h)
D132	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
D132	EU	R7300-20-40	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D)

					§ 117.340(p)(3)	also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		[G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
D249	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
D249	EU	R7300-20-40	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
D408	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

						1.5 psia is exempt from the requirements of this division.			
F120	EU	R7300-40-100	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F120	EU	R7300-40-100	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F121	EU	R7300-40-100	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B)

							§ 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		[G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F121	EU	R7300-40-100	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F276	EU	R7300-40-100	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F276	EU	R7300-40-100	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b)

					[G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		[G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F500	EU	R7300-40-100	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
F500	EU	R7300-40-100	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6)

						operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	§ 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)		[G]§ 117.8010(7)
G126	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
G126	EU	R7300-20-40	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
G127	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A)

							§ 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		§ 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
G127	EU	R7300-20-40	NO_X	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
GRPCOLD	EU	R5412-001	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(a)(1) § 115.411(a)(1) [G]§ 115.412(a)(1)(A) § 115.412(a)(1)(C) § 115.412(a)(1)(E) [G]§ 115.412(a)(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(a)(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(4) ** See Periodic Monitoring Summary	None	None
H141	EU	R7300-DSL1	Exempt	30 TAC Chapter 117, Subchapter B	§ 117.303(a)(6)(D) [G]§ 117.310(f)	Units exempted from the provisions of this division, except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1), and 117.354(a)(5), include stationary gas turbines and stationary internal combustion engines that are used exclusively in emergency situations,	§ 117.8140(a) § 117.8140(a)(3)	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None

						except that operation for testing or maintenance purposes is allowed for up to 52 hours per year, based on a rolling 12-month average.			
H141	EU	63ZZZZ-DSL3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
H148	EU	R7300-NG1	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the provisions of this division except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1) and 117.354(a)(5) include new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
H148	EU	63ZZZZ-NG1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.5 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1)	For each existing emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year; non-emergency, non-black start	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(a)-Table 7.4 § 63.6650(f) [G]§ 63.6650(h)

					§ 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i) [G]§ 63.6640(f)(4)(ii)	4SRB stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year, located at an area source, you must comply with the requirements as specified in Table 2d.5.a-c.			
M675	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
M675	EU	R7300-20-40	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
M914	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c)

							§ 117.335(e) § 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		§ 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
M914	EU	R7300-20-40	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
W829-2	EU	R5112-005	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
Z541	EU	R7300-DSL1	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the provisions of this division except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1) and 117.354(a)(5) include new, modified, reconstructed, or relocated stationary diesel	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None

						engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)			
Z541	EU	63ZZZZ-DSL1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
Z542	EU	R7300-DSL1	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the provisions of this division except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1) and 117.354(a)(5) include new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
Z542	EU	63ZZZZ-DLS1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

					§ 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	requirements as specified in Table 2d.4.a-c.		§ 63.6660(c)	
Z543	EU	R7300-DSL1	Exempt	30 TAC Chapter 117, Subchapter B	[G]§ 117.303(a)(11) [G]§ 117.310(f)	Units exempted from the provisions of this division except as specified in §§117.310(f), 117.340(j), 117.345(f)(6) and (10), 117.350(c)(1) and 117.354(a)(5) include new, modified, reconstructed, or relocated stationary diesel engine placed into service on or after October 1, 2001, that operates less than 100 hours per year, based on a rolling 12-month average, in other than emergency situations; and meets the requirements for non-road engines as specified. §117.303(a)(11)(A)-(B)	None	§ 117.340(j) § 117.345(f) [G]§ 117.345(f)(10) [G]§ 117.345(f)(6)	None
Z543	EU	63ZZZZ-DSL2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6604(b) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i) [G]§ 63.6640(f)(4)(ii)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(a)-Table 7.4 § 63.6650(f) [G]§ 63.6650(h)
Z757	EU	R7300-20-40	CO	30 TAC Chapter 117, Subchapter B	§ 117.310(c)(1) § 117.310(c)(1)(B)	CO emissions must not exceed 400 ppmv at 3.0% O 2, dry basis.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010

							§ 117.335(g) § 117.340(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) ** See Periodic Monitoring Summary		[G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
Z757	EU	R7300-20-40	NO_x	30 TAC Chapter 117, Subchapter B	§ 117.310(d)(3) § 117.310(a) § 117.310(a)(14)(B) § 117.310(b) [G]§ 117.310(e)(1) § 117.310(e)(2) [G]§ 117.310(e)(3) § 117.310(e)(4) § 117.340(l)(2) § 117.340(p)(1) § 117.340(p)(2)(C) § 117.340(p)(3)	An owner or operator may not use the alternative methods specified in §§ 117.315, 117.323 and 117.9800 to comply with the NO_x emission specifications but shall use the mass emissions cap and trade program in Chapter 101, Subchapter H, Division 3, except that electric generating facilities must also comply with the daily and 30-day system cap emission limitations of § 117.320. An owner or operator may use the alternative methods specified in § 117.9800 to comply with § 117.320.	[G]§ 117.335(a)(1) § 117.335(a)(4) § 117.335(b) § 117.335(d) § 117.335(e) § 117.335(g) § 117.340(a) § 117.340(l)(2) § 117.340(o)(1) § 117.340(p)(1) § 117.340(p)(2)(A) § 117.340(p)(2)(B) § 117.340(p)(2)(C) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.345(a) § 117.345(f) § 117.345(f)(1) § 117.345(f)(9)	§ 117.335(b) § 117.335(g) § 117.340(p)(2)(D) [G]§ 117.345(b) [G]§ 117.345(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

Additional Monitoring Requirements

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 2830	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-40-100
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: D132	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: D249	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: F120	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-40-100
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: F121	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-40-100
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: F276	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-40-100
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: F500	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-40-100
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: G126	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: G127	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPCOLD	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-001
Pollutant: VOC	Main Standard: § 115.412(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(a)(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(a)(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(a)(1)(A)-(F) shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: M675	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: M914	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: Z757	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-20-40
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO Concentration	
Minimum Frequency: once per week	
Averaging Period: N/A	
Deviation Limit: Monitoring data above 400 ppmv	
Periodic Monitoring Text: Measure and record the carbon monoxide concentration using a portable analyzer. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method -Determination of Oxygen, Carbon Monoxide and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Permit Shield

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
2830	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
D132	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
D249	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
D408	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
D408	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 20,000 gallons.
F120	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
F121	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
F276	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
F500	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
G126	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.

G127	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
GRPCLWTR	E512, Z153, Z154, Z225, Z240, Z331, Z737	40 CFR Part 63, Subpart Q	Cooling towers are not operated with chromium-based water treatment chemicals.
GRPENERGY1	F502, F503, F549, G160, G339, G340, W900, Z175, Z434, Z435, Z559, Z560	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
GRPENERGY1	F502, F503, F549, G160, G339, G340, W900, Z175, Z434, Z435, Z559, Z560	30 TAC Chapter 117, Subchapter B	Reheat furnace with a maximum rated capacity of less than 20 MMBtu/hr.
GRPRRC-S	DEGR-1, DEGR-2, DEGR-5, DEGR-8	30 TAC Chapter 115, Degreasing Processes	Remote reservoir cold solvent cleaner using solvent with TVP less than or equal to 0.6 psia at 100 degrees Fahrenheit, which has a drain area less than 16 square inches, and the waste solvent is properly disposed of in enclosed containers.
GRPTURBN1	1561, 1562, 2660, 2725, F303, G125, G161, K799, M919, P278, P938, R564, Z204, Z205, Z206, Z230	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
GRPTURBN1	1561, 1562, 2660, 2725, F303, G125, G161, K799, M919, P278, P938, R564, Z204, Z205, Z206, Z230	30 TAC Chapter 117, Subchapter B	Reheat furnace with a maximum rated capacity of less than 20 MMBtu/hr.
GRPTURBN2	2491, 2492, 2774, 2918, 3222, 3223	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
GRPTURBN2	2491, 2492, 2774, 2918, 3222, 3223	30 TAC Chapter 117, Subchapter B	Heat treating furnace with a maximum rated capacity of less than 20 MMBtu/hr.
M675	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
M914	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.

W508	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.
W508	N/A	30 TAC Chapter 117, Subchapter B	Reheat furnace with a maximum rated capacity of less than 20 MMBtu/hr.
W829-1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage vessel is located at a motor vehicle fuel dispensing facility and has a capacity of less than 25,000 gallons.
W829-1	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
W829-1	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 20,000 gallons.
W829-2	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,813 gallons).
W829-2	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 20,000 gallons.
Z541	N/A	40 CFR Part 60, Subpart IIII	Engine constructed prior to July 11, 2005.
Z542	N/A	40 CFR Part 60, Subpart IIII	Engine constructed prior to July 11, 2005.
Z543	N/A	40 CFR Part 60, Subpart IIII	Engine constructed prior to July 11, 2005.
Z757	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not use a liquid fuel. Does not meet the definition of a vent gas steam, process heater or industrial boiler.

New Source Review Authorization References

New Source Review Authorization References

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

Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 7	Version No./Date: 09/23/1982
Number: 7	Version No./Date: 10/04/1995
Number: 40	Version No./Date: 03/13/1993
Number: 57	Version No./Date: 10/04/1995
Number: 65	Version No./Date: 05/05/1976
Number: 65	Version No./Date: 01/08/1980
Number: 102	Version No./Date: 06/07/1996
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 06/18/1997
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.221	Version No./Date: 03/14/1997
Number: 106.224	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 03/14/1997
Number: 106.265	Version No./Date: 03/14/1997
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.313	Version No./Date: 09/04/2000
Number: 106.317	Version No./Date: 03/14/1997
Number: 106.320	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 03/14/1997
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
1561	BOX FURNACE (TURBINE FORGE DEPT)	7/10/04/1995
1562	BOX FURNACE (TURBINE FORGE DEPT)	7/10/04/1995
2491	CARBOTTOM FURNACE (TURBINE HT DEPT)	65/05/05/1976 [10647]
2492	CARBOTTOM FURNACE (TURBINE HT DEPT)	65/05/05/1976 [10647]
2660	BOX FURNACE (TURBINE FORGE DEPT)	65/05/05/1976 [11258]
2725	BOX FURNACE (TURBINE FORGE DEPT)	65/01/08/1980
2774	BOX FURNACE (TURBINE HT DEPT)	7/10/04/1995
2830	CARBOTTOM FURNACE (ENERGY DEPT)	106.183/09/04/2000
2918	BOX FURNACE (TURBINE HT DEPT)	7/10/04/1995
3222	BOX FURNACE (TURBINE HT DEPT)	7/10/04/1995
3223	BOX FURNACE (TURBINE HT DEPT)	7/10/04/1995
A-506	ENGINE (SERVER ROOM EMERGENCY GENERATOR)	106.511/09/04/2000
A-507	ENGINE (PORTABLE WATER PUMP EMERGENCY GENERATOR)	106.511/09/04/2000
D132	CARBOTTOM FURNACE (ENERGY DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
D249	CARBOTTOM FURNACE (ENERGY/MELT SHOP DEPT)	106.183/09/04/2000
D408	MELT SHOP DIESEL TANK	106.472/09/04/2000
DEGR-1	DEGREASER 29K MAINTENANCE (17440385)	106.454/09/04/2000
DEGR-2	DEGREASER MACHINE SHOP TOOL CRIB (30118381)	106.454/09/04/2000
DEGR-3	DEGREASER MACHINE SHOP TOOL CRIB (81010083)	106.454/09/04/2000
DEGR-4	DEGREASER MACHINE SHOP TOOL CRIB (81010803)	106.454/09/04/2000

DEGR-5	DEGREASER PIPE SHOP (30200517)	106.454/09/04/2000
DEGR-6	DEGREASER 12K MAINTENANCE (81015118)	106.454/09/04/2000
DEGR-7	DEGREASER PIPE SHIPPING AREA (81011122)	106.454/09/04/2000
DEGR-8	DEGREASER AUTO SHOP (30160858)	106.454/09/04/2000
DEGR-9	DEGREASER AUTO SHOP (81004811)	106.454/09/04/2000
E512	COOLING TOWER	106.371/09/04/2000
F120	ROTARY FURNACE (ENERGY DEPT)	57/10/04/1995
F121	ROTARY FURNACE (ENERGY DEPT)	57/10/04/1995
F276	CARBOTTOM FURNACE (ENERGY DEPT)	106.183/09/04/2000
F303	BROODER FURNACE (TURBINE FORGE DEPT)	7/10/04/1995
F500	ROTARY FURNACE (ENERGY DEPT)	57/10/04/1995
F502	BOX FURNACE (ENERGY DEPT)	106.183/09/04/2000
F503	BOX FURNACE (ENERGY DEPT)	7/10/04/1995
F549	BROODER FURNACE (ENERGY DEPT)	7/10/04/1995
G125	BROODER FURNACE (TURBINE FORGE DEPT)	7/10/04/1995
G126	ROTARY FURNACE (TURBINE FORGE DEPT)	7/10/04/1995
G127	ROTARY FURNACE (TURBINE FORGE DEPT)	7/10/04/1995
G160	BOX FURNACE (ENERGY DEPT)	106.183/06/18/1997
G161	BOX FURNACE (TURBINE FORGE DEPT)	106.183/06/18/1997
G339	BROODER FURNACE (TOOL & DIE DEPT)	7/10/04/1995
G340	BROODER FURNACE (TOOL & DIE DEPT)	106.183/09/04/2000
H141	ENGINE (FIRE WATER GENERATOR)	106.511/09/04/2000
H148	ENGINE (INGOT SHOP EMERGENCY LIGHTING GENERATOR)	106.511/09/04/2000
K799	BROODER FURNACE (TURBINE FORGE DEPT)	7/09/23/1982
M675	CARBOTTOM FURNACE (TURBINE HT DEPT)	7/10/04/1995
M914	CARBOTTOM FURNACE (TURBINE HT DEPT)	65/05/05/1976 [10647]

M919	BROODER FURNACE (TURBINE FORGE DEPT)	7/10/04/1995 [107367]
P278	BROODER FURNACE (TURBINE FORGE DEPT)	65/05/05/1976 [11258]
P938	BROODER FURNACE (TURBINE FORGE DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
R564	BROODER FURNACE (TURBINE FORGE DEPT)	65/05/05/1976 [10647]
W508	DIE HEATER FURNANCE (TURBINE FORGE DEPT)	65/05/05/1976 [11258]
W829-1	FORGE SHOP GASOLINE TANK	106.473/09/04/2000
W829-2	FORGE SHOP DIESEL TANK	106.472/09/04/2000
W900	DIE HEATER FURNACE (ENERGY DEPT)	106.183/06/18/1997
Z153	COOLING TOWER	106.371/09/04/2000
Z154	COOLING TOWER	106.371/09/04/2000
Z175	BROODER FURNACE (ENERGY DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
Z204	ROTARY FURNACE (TURBINE FORGE DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
Z205	ROTARY FURNACE (TURBINE FORGE DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
Z206	ROTARY FURNACE (TURBINE FORGE DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
Z225	COOLING TOWER	106.371/09/04/2000
Z230	DIE HEATER FURNACE (TURBINE FORGE DEPT)	106.183/09/04/2000 [107365], 106.320/09/04/2000 [107365]
Z240	COOLING TOWER	106.371/09/04/2000
Z331	COOLING TOWER	106.371/09/04/2000
Z434	BROODER FURNACE (ENERGY DEPT)	106.183/09/04/2000 [107364], 106.320/09/04/2000 [107365]
Z435	BROODER FURNACE (ENERGY DEPT)	106.183/09/04/2000 [107364], 106.320/09/04/2000 [107365]
Z541	INGOT SHOP & AUTO SHOP EMERGENCY LIGHTING ENGINE	106.511/09/04/2000

Z542	TURBINE COMPLEX EMERGENCY LIGHTING ENGINE	106.511/09/04/2000
Z543	ENGINE (ENERGY COMPLEX, PIPE SHOP & WWTP)	106.511/09/04/2000
Z559	BOX FURNACE (ENERGY DEPT)	106.183/09/04/2000
Z560	BOX FURNACE (ENERGY DEPT)	106.183/09/04/2000
Z737	COOLING TOWER	106.371/09/04/2000
Z757	CORE ROTARY FURNACE (ENERGY DEPT)	106.183/09/04/2000

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Schedules

Compliance Schedule

A. Compliance Schedule				
1. Specific Non-Compliance Situation				
Unit/Group/ Process ID. No(s).	**SOP Index No.**	**Pollutant**	**Applicable Requirement**	
			Citation	**Text Description**
Sitewide	All	All	30 TAC 122.121, 122.133(2), 122.241(b) & (g)	Failure to submit a permit renewal application in a timely manner and continue to operate without authorization.

2. Compliance Status Assessment Method and Records Location		
Compliance Status Assessment Method		**Location of Records/Documentation**
Citation	**Text Description**	
30 TAC 122.121, 122.133(2), 122.241(b) & (g)	Failure to submit a permit renewal application in a timely manner and continue to operate without authorization.	On-Site

3. Non-compliance Situation Description
Failure to submit a permit renewal application at least six months before permit expiration date.
4. Corrective Action Plan Description
Submit new Title V application and obtain Title V Permit Issuance.
5. List of Activities/Milestones to Implement the Corrective Action Plan

1	1. Submit Title V Application no later than September 25, 2024 -completed – we are waiting for further clarification from TCEQ for any additional information needed. 2. Comply with expired Title V Permit O1031 until Title V Permit O4688 is issued -This is currently ongoing. 3. Respond to TCEQ permit application requests as requested -This is currently ongoing. 4. Obtain issuance of the Title V Permit O4688.

6. Previously Submitted Compliance Plan(s)	**Type of Action**	**Date Submitted**
	Order	01/30/2025

7. Progress Report Submission Schedule	Wyman will submit semi-annual Title V deviation reports as required by the order until compliance is achieved.

Appendix A

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM..... actual cubic feet per minute
AMOC..... alternate means of control
ARP..... Acid Rain Program
ASTM..... American Society of Testing and Materials
B/PA..... Beaumont/Port Arthur (nonattainment area)
CAM..... Compliance Assurance Monitoring
CD..... control device
CEMS..... continuous emissions monitoring system
CFR..... Code of Federal Regulations
COMS..... continuous opacity monitoring system
CVS..... closed vent system
D/FW..... Dallas/Fort Worth (nonattainment area)
EP..... emission point
EPA..... U.S. Environmental Protection Agency
EU..... emission unit
FCAA Amendments..... Federal Clean Air Act Amendments
FOP..... federal operating permit
gr/100 scf..... grains per 100 standard cubic feet
HAP..... hazardous air pollutant
H/G/B..... Houston/Galveston/Brazoria (nonattainment area)
H_2S..... hydrogen sulfide
ID No..... identification number
lb/hr..... pound(s) per hour
MACT..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr..... Million British thermal units per hour
NA..... nonattainment
N/A..... not applicable
NADB..... National Allowance Data Base
NESHAP.....National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO_x..... nitrogen oxides
NSPS..... New Source Performance Standard (40 CFR Part 60)
NSR..... New Source Review
ORIS..... Office of Regulatory Information Systems
Pb..... lead
PBR..... Permit By Rule
PEMS..... predictive emissions monitoring system
PM..... particulate matter
ppmv..... parts per million by volume
PRO..... process unit
PSD..... prevention of significant deterioration
psia..... pounds per square inch absolute
SIP..... state implementation plan
SO_2..... sulfur dioxide
TCEQ.....Texas Commission on Environmental Quality
TSP..... total suspended particulate
TVP..... true vapor pressure
U.S.C..... United States Code
VOC..... volatile organic compound