Bay Area Air Quality Management District

939 Ellis Street
San Francisco, CA 94109
(415) 771-6000

Proposed

MAJOR FACILITY REVIEW PERMIT

Issued To:

ConocoPhillips Company – San Francisco Refinery
Facility #A0016

Facility Address:
1380 San Pablo Avenue
Rodeo, CA 94572

Mailing Address:
1380 San Pablo Avenue
Rodeo, CA 94572

Responsible Official	**Facility Contact**
J. Michael Kenney, Refinery Manager	Valerie Uyeda, Environmental Specialist
510 245 4415	510 245 5249

Type of Facility: Petroleum refinery
Primary SIC: 2911
Product: refined petroleum products

BAAQMD Engineering Division Contact:
Brenda Cabral

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

_____ _____

Jack P. Broadbent, Executive Officer Air Pollution Control Officer Date

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Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
2	U229, B-301 Heater (natural gas, refinery fuel gas)	Petro-Chem	process heater	22 MMbtu/hr
3	U230, B-201 Heater (natural gas, refinery fuel gas, naphtha)	Petro-Chem	process heater	62 MMbtu/hr
4	U231, B-101 Heater (natural gas, refinery fuel gas)	Braun	process heater	96 MMbtu/hr
5	U231, B-102 Heater (natural gas, refinery fuel gas)	Braun	process heater	104 MMbtu/hr
7	U231, B-103 Heater (natural gas, refinery fuel gas, naphtha)	Petro-Chem	process heater	64 MMbtu/hr
8	U240, B-1 Boiler (natural gas, refinery fuel gas)	Combustion Engineering	process heater	256 MMbtu/hr
9	U240, B-2 Boiler (natural gas, refinery fuel gas)	Born	process heater	61 MMbtu/hr
10	U240, B-101 Heater (natural gas, refinery fuel gas)	Foster-Wheeler	process heater	223 MMbtu/hr
11	U240, B-201 Heater (natural gas, refinery fuel gas)	Econo-Therm	process heater	108 MMbtu/hr
12	U240, B-202 Heater (natural gas, refinery fuel gas)	Econo-Therm	process heater	42 MMbtu/hr
13	U240, B-301 Heater (natural gas, refinery fuel gas)	Born	process heater	194 MMbtu/hr
14	U240, B-401 Heater (natural gas, refinery fuel gas)	Selas	process heater	556 MMbtu/hr
15	U244, B-501 Heater (natural gas, refinery fuel gas)	Alcorn	process heater	239.75 MMbtu/hr total for S-15 through S-19
16	U244, B-502 Heater (natural gas, refinery fuel gas)	Alcorn	process heater	239.75 MMbtu/hr total for S-15 through S-19
17	U244, B-503 Heater (natural gas, refinery fuel gas)	Alcorn	process heater	239.75 MMbtu/hr total for S-15 through S-19
18	U244, B-504 Heater (natural gas, refinery fuel gas)	Alcorn	process heater	239.75 MMbtu/hr total for S-15 through S-19
19	U244, B-505 Heater (natural gas, refinery fuel gas)	Alcorn	process heater	239.75 MMbtu/hr total for S-15 through S-19
20	U244, B-506 Heater (natural gas, refinery fuel gas)	Econo-Therm	process heater	23 MMbtu/hr

II. Equipment

Table II A - Permitted Sources

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
21	U244, B-507 Heater (natural gas, refinery fuel gas)	Econo-Therm	process heater	8.1 MMbtu/hr
22	U248, B-606 Heater (natural gas, refinery fuel gas)	Econo-Therm	process heater	31 MMbtu/hr
29	U200, B-5 Heater (natural gas, refinery fuel gas)	Foster-Wheeler	process heater	103 MMbtu/hr
30	U200, B-101 Heater (natural gas, refinery fuel gas)	Petro-Chem	process heater	50 MMbtu/hr
31	U200, B-501 Heater (natural gas, refinery fuel gas)	Petro-Chem	process heater	20 MMbtu/hr
43	U200, B-202 Heater (natural gas, refinery fuel gas)		process heater	230 MMbtu/hr
44	U200, B-201 PCT Reboil Furnace (natural gas, refinery fuel gas)		process heater	46 MMbtu/hr
336	U231 B-104 Heater (natural gas, refinery fuel gas)	Foster-Wheeler	process heater	111 MMbtu/hr
337	U231 B-105 Heater (natural gas, refinery fuel gas)	Foster-Wheeler	process heater	34 MMbtu/hr
351	U267 B-601/602 Tower Pre-heaters (natural gas, refinery fuel gas)			101 MMbtu/hr
371	U228 B-520 (Adsorber Feed) Furnace (natural gas, refinery fuel gas)	Selas		58 MMbtu/hr for S-371, 372
372	U228 B-521 (Hydrogen Plant) Furnace (natural gas, refinery fuel gas)	Selas		58 MMbtu/hr for S-371, 372
438	U110, H-1 (H2 Plant Reforming) Furnace (natural gas, refinery fuel gas, PSA offgas)	Claudius Peters	reforming furnace	210 MMbtu/hr

IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP rules and regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

The dates in parenthesis in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit. All other text may be found in the regulations themselves.

Table IV – All Sources
Facility-Specific Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
MACT 40 CFR 63 Subpart CC	**National Emissions Standards for Hazardous Air Pollutants from Petroleum Refineries (8/18/95)**		
63.640(d)(5)	Emission points routed to a fuel gas system	Y	
63.640(p)	Overlap of Subpart CC with other regulations for equipment leaks	Y	

Table IV – A.1
Source-specific Applicable Requirements
S-2 – UNIT 229, B-301 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.2
Source-specific Applicable Requirements
S-3 – UNIT 230, B-201 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.3
Source-specific Applicable Requirements
S-4 – UNIT 231, B-101 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.4
Source-specific Applicable Requirements
S-5 – UNIT 231, B-102 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.5
Source-specific Applicable Requirements
S-7 – UNIT 231, B-103 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.6
Source-specific Applicable Requirements
S-8 – UNIT 240, B-1 BOILER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.7
Source-specific Applicable Requirements
S-9 – UNIT 240, B-2 BOILER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.8
Source-specific Applicable Requirements
S-10 – UNIT 240, B-101 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.9
Source-specific Applicable Requirements
S-11 – UNIT 240, B-201 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.10
Source-specific Applicable Requirements
S-12 – UNIT 240, B-202 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.11
Source-specific Applicable Requirements
S-13 – UNIT 240, B-301 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.12
Source-specific Applicable Requirements
S-14 – UNIT 240, B-401 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.13
Source-specific Applicable Requirements
S-15 – UNIT 244, B-501 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.14
Source-specific Applicable Requirements
S-16 – UNIT 244, B-502 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.15
Source-specific Applicable Requirements
S-17 – UNIT 244, B-503 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.16
Source-specific Applicable Requirements
S-18 – UNIT 244, B-504 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.17
Source-specific Applicable Requirements
S-19 – UNIT 244, B-505 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.18
Source-specific Applicable Requirements
S-20 – UNIT 244, B-506 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.19
Source-specific Applicable Requirements
S-21 – UNIT 244, B-507 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.20
Source-specific Applicable Requirements
S-22 – UNIT 248, B-606 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.21
Source-specific Applicable Requirements
S-29 – UNIT 200, B-5 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.22
Source-specific Applicable Requirements
S-30 – UNIT 200, B-101 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.23
Source-specific Applicable Requirements
S-31 – UNIT 200, B-501 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.25
Source-specific Applicable Requirements
S-43 – UNIT 200, B-202 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.26
Source-specific Applicable Requirements
S-44 – UNIT 200, B-201 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.29
Source-specific Applicable Requirements
S-336 – UNIT 231, B-104 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.30
Source-specific Applicable Requirements
S-337 – UNIT 231, B-105 HEATER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.31
Source-specific Applicable Requirements
S-351 – UNIT 267, B-601/602 HEATERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV – A.32
Source-specific Applicable Requirements
S-371 – UNIT 228, B-520 FURNACE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.33
Source-specific Applicable Requirements
S-372 – UNIT 228, B-521 FURNACE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

Table IV – A.34
Source-specific Applicable Requirements
S-438 – UNIT 110, H-1 FURNACE

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 1694			
Part A.1	Heat ratings, firing limits [Basis: Regulation 2-1-234.3]	~~N~~Y	

IV. Source Specific Applicable Requirements

Table IV- AA
Fugitive Sources: Applicable Requirements

Process Unit	BAAQMD Reg. 8-18	BAAQMD Reg. 8-28	NSPS Part 60, Subpart GGG; BAAQMD Reg. 10-59	NSPS Part 60, Subpart QQQ; BAAQMD Reg. 10-69	NSPS Part 60, Subpart VV; BAAQMD Reg. 10-52	NESHAP Part 61, Subpart J	NESHAP Part 61, Subpart FF; BAAQMD Reg. 11-12	NESHAP Part 61, Subpart V; BAAQMD Reg. 11-7	NESHAP Part 63, Subpart CC
Refinery-wide applicability	**Y**	**Y**	**N**	**N**	**N**	**N**	**Report only**	**N**	**Y**
Specific Unit applicability									
Unit 267 (S-350)	**Y**	**Y**	**Y**	**N**	**Y**	**N**	**N**	**N**	**Y**
Unit 228 (S-370)	**Y**	**Y**	**Y**	**N**	**Y**	**N**	**N**	**N**	**Y**
~~Unit 110~~Hydrogen Manufacturing Unit (S-437~~8~~)	**Y**	**Y**	**Y**	**N**	**Y**	**N**	**N**	**N**	**Y**
Unit 100 (S-324, S-1007, S-388 per Condition 1860, Part 3)	**Y**	**Y**	**N**	**Y**	**N**	**N**	**N**	**N**	**Y**
Unit 233 (S-338)	**Y**	**Y**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

IV. Source Specific Applicable Requirements

Table IV – AB
Applicable Requirements
COMPONENTS (FACILITY-WIDE EXCEPT AS NOTED)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
NSPS Part 60 Subpart VV applies to the S-350 crude unit, S-370 isomerization unit, S-4378 hydrogen plant			
NSPS Part 60 Subpart VV; BAAQMD Regulation 10-52	**Standards of Performance for Equipment Leaks (Fugitive Emission Sources) (8/18/95); BAAQMD Standards of Performance for New Stationary Sources (12/20/95)**	Y	
60.480	Applicability	Y	
60.481	Definitions	Y	
60.482-1	General Standards	Y	
60.482-2	Pump Standards:	Y	
60.482-2(a)(1)	Monthly monitoring of each pump, except for 60.482-1(c), 60.482-2(d), (e), or (f)	Y	
60.482-2(a)(2)	Weekly visual inspection of each pump, except for (e), (f), or (g)	Y	
60.482-2(b)	Air measurement >10,000 ppm or dripping liquid indicates leak	Y	
60.482-2(c)	Pump leak repair period	Y	
60.482-2(d)	Requirements for Dual-Mechanical seal pump	Y	
60.482-2(e)	No detectable emission designation: <500 ppm	Y	
60.482-2(f)	Requirements for Closed Vent Systems	Y	
60.482-3	Compressor Standards	Y	
60.482-4	Requirements for Pressure Relief Devices in gas/vapor service	Y	
60.482-5	Requirements for Sampling connecting systems	Y	
60.482-6	Requirements for Open-ended valves or lines	Y	
60.482-7	Valve Standards:	Y	
60.482-7(a)-(c)	Monitor monthly unless 2 successive months <10,000 ppm, then monitor first month of each quarter. If leak >10,000 ppm is detected, resume monthly monitoring	Y	
60.482-7(d)	Valve leak repair period	Y	
60.482-7(e)	Methods for first attempts or minimizing valve leaks	Y	

IV. Source Specific Applicable Requirements

Table IV – AB
Applicable Requirements
COMPONENTS (FACILITY-WIDE EXCEPT AS NOTED)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.482-7(f)	Designated no-emissions (<500 ppm) valves with no external actuating mechanisms in contact with process fluid, may revert to annual monitoring, or that requested by the Administrator	Y	
60.482-8	Pumps in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and connectors	Y	
~~60.482-8~~	~~Valves in heavy liquid service~~	~~Y~~	
~~60.482-8~~	~~Pressure Relief Devices in liquid service and Flanges and other Connectors Standards~~	~~Y~~	
60.482-9(b)	Repair may be delayed for isolated equipment	Y	
~~60.482-9(b)~~	~~Repair may be delayed for isolated equipment~~	~~Y~~	
60.482-9(c)	Delay of repair for valves is only allowed under certain circumstances	Y	
60.482-9(d)(1)	Only dual-mechanical seal pumps qualify for delay of repair	Y	
60.482-9(d)(2)	Pump leaks must be repaired within 6 months	Y	
~~60.482-10~~	~~Requirements for Closed-vent systems and control devices~~	~~Y~~	
60.483-1, 60.483-2, and BAAQMD 8-18-404.1	If a process unit has 5 consecutive quarters with <2% of valves leaking at >10,000 ppm, then any individual valve which measures <100 ppm for 5 consecutive quarters may be monitored annually	Y	
60.485	Test Methods and Procedures	Y	
60.486	Record keeping	Y	
60.487	Reporting	Y	
BAAQMD Regulation 10-52	**Incorporates by reference 40 CFR 60 Subpart VV**	**Y**	
NSPS Part 60 Subpart QQQ applies to the S-1007 dissolved air flotation unit and the S-324 DAF unit.			
NSPS Part 60 Subpart QQQ; BAAQMD Regulation 10-69	**Standards of Performance for VOC Emission From Petroleum Refinery Wastewater Systems (7/18/95); BAAQMD Standards of Performance for New Stationary Sources (12/20/95)**		

IV. Source Specific Applicable Requirements

Table IV – AB
Applicable Requirements
COMPONENTS (FACILITY-WIDE EXCEPT AS NOTED)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
40 CFR 60.690	Applicability	Y	
60.691	Definitions	Y	
~~60.692-5~~	~~Closed-vent systems and control devices Standards~~	~~Y~~	
60.692-6	Delay of Repair Standards	Y	
60.695	Monitoring of closed-vent systems with bypass lines	Y	
60.696	Performance test methods and procedures and compliance provisions	Y	
60.697	Recordkeeping	Y	
60.698	Reporting	Y	
BAAQMD Regulation 10-69	**Incorporates by reference 40 CFR 60 Subpart QQQ**	**Y**	

VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), hourly (H), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

Table VII – A.1
Applicable Limits and Compliance Monitoring Requirements
S-2 – UNIT 229, B-301 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 528 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.2	Y		346.5 MM-btu/hr averaged over any year at S-2, S-3, S-4, S-5, S-7	BAAQMD Condition 1694, Part F.3	P/M	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.2
Applicable Limits and Compliance Monitoring Requirements
S-3 – UNIT 230, B-201 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,488 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.2	Y		346.5 MM-btu/hr averaged over any year at S-2, S-3, S-4, S-5, S-7	BAAQMD Condition 1694, Part F.3	P/M	records

Table VII – A.3
Applicable Limits and Compliance Monitoring Requirements
S-4 – UNIT 231, B-101 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 2,304 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.2	Y		346.5 MM-btu/hr averaged over any year at S-2, S-3, S-4, S-5, S-7	BAAQMD Condition 1694, Part F.3	P/M	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.4
Applicable Limits and Compliance Monitoring Requirements
S-5 – UNIT 231, B-102 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 2,496 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.2	Y		346.5 MM-btu/hr averaged over any year at S-2, S-3, S-4, S-5, S-7	BAAQMD Condition 1694, Part F.3	P/M	records

Table VII – A.5
Applicable Limits and Compliance Monitoring Requirements
S-7 – UNIT 231, B-103 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,536 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.2	Y		346.5 MM btu/hr averaged over any year at S-2, S-3, S-4, S-5, S-7	BAAQMD Condition 1694, Part F.3	P/M	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.6
Applicable Limits and Compliance Monitoring Requirements
S-8 – UNIT 240, B-1 BOILER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 6,144 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

Table VII – A.7
Applicable Limits and Compliance Monitoring Requirements
S-9 – UNIT 240, B-2 BOILER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,464 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.8
Applicable Limits and Compliance Monitoring Requirements
S-10 – UNIT 240, B-101 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,352 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

Table VII – A.9
Applicable Limits and Compliance Monitoring Requirements
S-11 – UNIT 240, B-201 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 2,592 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.10
Applicable Limits and Compliance Monitoring Requirements
S-12 – UNIT 240, B-202 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,008 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

Table VII – A.11
Applicable Limits and Compliance Monitoring Requirements
S-13 – UNIT 240, B-301 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 4,656 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.12
Applicable Limits and Compliance Monitoring Requirements
S-14 – UNIT 240, B-401 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 13,344 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part F.1	Y		993.7 MM-btu/hr averaged over any year at S-8, S-9, S-10, S-11, S-12, S-13, S-14	BAAQMD Condition 1694, Part F.3	P/M	records

Table VII – A.13
Applicable Limits and Compliance Monitoring Requirements
S-15 – UNIT 244, B-501 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		5,754 MMbtu/day averaged over any day at S-15, S-16, S-17, S-18, S-19 ~~heat ratings, firing limits (see condition)~~	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.14
Applicable Limits and Compliance Monitoring Requirements
S-16 – UNIT 244, B-502 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,754 MMbtu/day averaged over any day at S-15, S-16, S-17, S-18, S-19	BAAQMD Condition 1694, Part A.5	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.15
Applicable Limits and Compliance Monitoring Requirements
S-17 – UNIT 244, B-503 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,754 MMbtu/day averaged over any day at S-15, S-16, S-17, S-18, S-19	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.16
Applicable Limits and Compliance Monitoring Requirements
S-18 – UNIT 244, B-504 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,754 MMbtu/day averaged over any day at S-15, S-16, S-17, S-18, S-19	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.17
Applicable Limits and Compliance Monitoring Requirements
S-19 – UNIT 244, B-505 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,754 MMbtu/day averaged over any day at S-15, S-16, S-17, S-18, S-19	BAAQMD Condition 1694, Part A.5	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.18
Applicable Limits and Compliance Monitoring Requirements
S-20 – UNIT 244, B-506 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 552 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.19
Applicable Limits and Compliance Monitoring Requirements
S-21 – UNIT 244, B-507 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 194.4 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.20
Applicable Limits and Compliance Monitoring Requirements
S-22 – UNIT 248, B-606 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 744 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.21
Applicable Limits and Compliance Monitoring Requirements
S-29 – UNIT 200, B-5 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 2,472 MMbtu/hr	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.22
Applicable Limits and Compliance Monitoring Requirements
S-30 – UNIT 200, B-101 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,200 MMbtu/hr	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.23
Applicable Limits and Compliance Monitoring Requirements
S-31 – UNIT 200, B-501 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 480 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.25
Applicable Limits and Compliance Monitoring Requirements
S-43 – UNIT 200, B-202 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,520 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.26
Applicable Limits and Compliance Monitoring Requirements
S-44 – UNIT 200, B-201 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,104 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.29
Applicable Limits and Compliance Monitoring Requirements
S-336 – UNIT 231, B-104 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 2,664 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.30
Applicable Limits and Compliance Monitoring Requirements
S-337 – UNIT 231, B-105 HEATER

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 816 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.31
Applicable Limits and Compliance Monitoring Requirements
S-351 – UNIT 267, B-601/602 HEATERS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 2,424 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.32
Applicable Limits and Compliance Monitoring Requirements
S-371 – UNIT 228, B-520 FURNACE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,392 MMbtu/day averaged over any day at S-371 and S-372	BAAQMD Condition 1694, Part A.5	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A.33
Applicable Limits and Compliance Monitoring Requirements
S-372 – UNIT 228, B-521 FURNACE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 1,392 MMbtu/day averaged over any day at S-371 and S-372	BAAQMD Condition 1694, Part A.5	P/D	records

Table VII – A.34
Applicable Limits and Compliance Monitoring Requirements
S-438 – UNIT 110, H-1 FURNACE

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
~~All combustion emissions~~ Heat input	BAAQMD Condition 1694, Part A.1	~~N~~Y		~~heat ratings, firing limits (see condition)~~ 5,040 MMbtu/day	BAAQMD Condition 1694, Part A.5	P/D	records
~~all combustion emissions~~ Heat input	BAAQMD Condition 1694, Part E.2	Y		2.04 E 12 btu/yr fuel combustion at S-438	BAAQMD Condition 1694, Part E.6	P/D	records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – AB
Applicable Limits and Compliance Monitoring Requirements
COMPONENTS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	40 CFR 60.482-2 (b)(1)	Y		Pump leak ≥ 10,000 ppm	40 CFR 60.482-2 (a)(1)	P/M	Measure for leaks
POC	40 CFR 60.482-2 (b)(2)	Y		Pump leak Indicated by dripping liquid	40 CFR 60.482-2 (a)(2)	P/W	Visual Inspection
POC	40 CFR 60.482-2(e)	Y		Designated "No detectable emissions" ≤ 500 ppm	40 CFR 60.482-2(e)(3)	P/A	Measure for leaks
POC	40 CFR 60.482-8 (b)	Y		Pump leak ≥ 10,000 ppm	40 CFR 60.482-8 (a)	P/5 days	Visual, audible, olfactory Inspection; Measure for leaks
POC	40 CFR 60.482-4(b)	Y		Pressure relief valve (gas/vapor) leak ≥ 500 ppm within 5 days after a pressure release event	40 CFR 60.482-4(b)	P/E	Measure for leaks within 5 days after release
POC	40 CFR 60.482-7(b)	Y		Valve leak ≥ 10,000 ppm	40 CFR 60.482-7(a)	P/M	Measure for leaks
POC	40 CFR 60.482-7(b)	Y		Valve leak ≥ 10,000 ppm; 2 successive months w/o leaking	40 CFR 60.482-7(c)	P/Q	Measure for leaks
POC	40 CFR 60.482-7(f)	Y		Designated "No detectable emissions" ≤ 500 ppm	40 CFR 60.482-7 (f)(3)	P/A	Measure for leaks
POC	40 CFR 60.482-8(a)	Y		Pumps and valves in heavy liquid service, Pressure Relief devices (light or heavy liquid), Flanges, Connectors leak shall be measured for leak in 5 days if detected by inspection	40 CFR 60.482-8(a)	P/E	Visible, Audible, or olfactory Inspection

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – AB
Applicable Limits and Compliance Monitoring Requirements
COMPONENTS

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	40 CFR 60.482-8(b)	Y		Pressure Relief devices (liquid), Flanges, Connectors leak ≥ 10,000 ppm	40 CFR 60.482-8(a)	P/E	Measure for leaks
~~POC~~	~~40 CFR 60.482-10 (b)~~	~~Y~~		~~Closed-vent systems and control devices: Vapor recovery systems ≥ 95%~~	~~None~~	~~N~~	~~None~~
~~POC~~	~~40 CFR 60.482-10 (c)~~	~~Y~~		~~Combustion devices ≥ 95% destruction efficiency or ≥ 0.75 seconds and ≥ 816°C~~	~~None~~	~~N~~	~~None~~
~~POC~~	~~40 CFR 60.482-10 (g)~~	~~Y~~		~~Closed-vent systems leak ≥ 500 ppm and visible leak indication~~	~~40 CFR 60.482-10 (f)~~	~~P/A~~	~~Measure for leaks; Visual Inspection~~
~~POC~~	~~40 CFR 60.692-5 (a)~~	~~Y~~		~~Closed-vent systems using combustion devices shall have 0.75 seconds residence and minimum temp of 816C~~	~~40 CFR 60.692-5 (e)(5)~~	~~P/E~~	~~Repair after emissions are detected within 30 days~~
~~POC~~	~~40 CFR 60.692-5 (b)~~	~~Y~~		~~Vapor recovery greater than or equal to 95%~~	~~None~~	~~N~~	~~None~~
~~POC~~	~~40 CFR 60.692-5 (e)(1)~~	~~Y~~		~~Closed-vent systems <500 ppm above background~~	~~40 CFR 60.692-5 (e)(1)~~	~~P/SA~~	~~Measure for leaks~~

X. REVISION HISTORY

Initial Major Facility Review Permit Issuance (Application 16487):	December 1, 2003
Administrative Amendment (no application):	May 27, 2004
Reopening (Application 9296):	December 16, 2004
Reopening (Application ____):	