BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20040002
Agency Interest No. 1291

Mr. Mark Suellentrop
Facility General Manager
Cabot Corporation
2066 Cabot Road
Ville Platte, LA 70586

RE: **Part 70 Operating Permit Renewal and Modification**, Ville Platte Plant
Cabot Corporation, Ville Platte, Evangeline Parish, Louisiana

Dear Mr. Suellentrop:

This is to inform you that the Part 70 Operating Permit Renewal and Modification for the above referenced facility has been approved under LAC 33:III.501. The submittal was approved on the basis of the application submitted and its approval in no way relieves the applicant of the obligation to comply with all applicable requirements.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ___ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 0920-00001-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN: rjj

c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Ville Platte Plant
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Cabot Corporation
Ville Platte, Evangeline Parish, Louisiana

I. Background

The Cabot Corporation - Ville Platte Plant is an existing carbon black facility. The Ville Platte Plant currently operates under Permit No. 0920-00001-V1 and PSD-LA-587(M-1), both issued November 4, 1999. This is a Part 70 operating permit renewal and modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Cabot Corp on April 29, 2004 requesting a Part 70 operating permit renewal and modification. A corrected application dated August 19, 2004, and additional information dated April 26, 2007 and May 21, 2007, was also received.

III. Description

The Ville Platte Plant uses a modular process to convert carbonaceous feedstock into various grades of carbon black. Different grades of carbon black are produced by adjusting rates, introduction methods and locations of reactants and additives, temperatures, geometry, fuel/feedstock composition, additives, reaction volume, residence times, and equipment components.

Originally, Cabot proposed the following modifications, which were approved in Title V Permit 0920-00001-V0 and PSD Permit PSD-LA-587(M-1), both issued on November 4, 1999:

Unit	1999 Modifications
1	- Improve product recovery by replacing dryer purge gas scrubber with filter - Interconnect with Units 1 and 4
2	- Improve product recovery by replacing dryer purge gas scrubber with filter - Interconnect with Units 1 and 4 - Add 2nd reactor (from Unit 3) - Improve product recovery in process filter
3	- Improve product recovery by replacing dryer purge gas scrubber with filter - Move reactor to Unit 2 - Add 3 new reactors - Improve product recovery in process filter
4	- Interconnect with Units 1 and 2

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Unit	1999 Modifications
5	- Add 2 reactors - Add main unit filter - Add process filter - Add 2 dryers - Add flare - Add support systems (e.g., purge gas filter, transfer, etc.)
Product Handling	- Add 5 new tanks - Add grinding station and tank - Improve product recovery in packaging warehouse
Site	- Achieve total site production of 700 million pounds per year

Following issuance of the permits, Cabot was in a program of construction. During the construction process, changing market conditions resulted in a reassessment of the planned modifications. In lieu of adding more major equipment at the site, Cabot believed that it would be more effective to replace and/or upgrade existing pieces of equipment. By letter dated September 20, 2004, the Department made no objection to the design changes listed below.

Unit	2003 Actual Design Changes
1	Improved product recovery by replacing dryer purge gas scrubber with filter, while replacing main Unit filter structure due to intricacy with purge gas filter upgrade
	Interconnected with Units 2 and 4 while venting new dryer purge gas filter to interconnected dryer stack
	In lieu of adding new Unit 5 reactor, heat exchanger, dryer, etc., adjusted Unit 1 reactor, replaced Unit 1 heat exchanger, and debottlenecked Unit 1 dryer
2	Improved product recovery by replacing dryer purge gas scrubber with filter, while replacing main Unit filter structure due to intricacy with purge gas filter upgrade
	Interconnected with Units 1 and 4 while venting new dryer purge gas filter to interconnected dryer stack
	In lieu of additional reactor and process filter changes, replaced heat exchanger and dryer
3	Improved product recovery by replacing dryer purge gas scrubber with filter, while replacing main Unit filter structure due to intricacy with purge gas filter upgrade
	In lieu of additional two reactors and process filter changes, adjusted reactor and replaced heat exchanger and dryer

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Unit	2003 Actual Design Changes
4	Interconnected with Units 1 and 2
	In lieu of adding new Unit 5 second dryer, repaired and de-bottlenecked dryer
5	As indicated above, in lieu of adding equipment as a new Unit 5, adjusted Unit 1 reactor, replaced Unit 1 heat exchanger, and de-bottlenecked Unit 1 and 4 dryers
Product Handling	Added dust controls in lieu of packaging warehouse modifications, additional tanks, and grinding station
Site	Reduced 1999 permitted production of 700 million pounds per year to 455 million pounds per year

In this permit renewal, the following changes will be made at the Ville Platte Plant:

- Upgrading of all process filter bags (EPNs 25, 66-93, 32-95, and 69),
- Elimination of the main unit heat load vent in Unit 3 (EPN 7) and venting through the unit's flare (EPN 7-96),
- Removal of the spare feedstock heater (EPN 38) from service,
- Removal of the Spencer vacuum system bag filter at the North Warehouse (EPN 50) from service,
- Removal of the Process Boiler (EPN 74) from service,
- Removal of the Waste Carbon Black Incinerator (EPN 40) from service,
- Removal of three planned warm-up vents (EPNs 64B-2B, 64C-3B, and 64C-3C) from service, and
- Installation of equipment associated with a conversion of the VP-1 Unit.

Cabot also proposes to accept a process vent emissions cap, GRP 01. This will limit emissions from site-wide process vents that are production related and allow operational flexibility in varying the production of grades of carbon black at all units.

Estimated emissions from the Ville Platte Plant in tons per year are as follows:

Pollutant	Before*	After	Change
PM_{10}	506.50	292.81	- 213.69

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Pollutant	Before*	After	Change
SO_2	35,762.70	24,549.97	- 11,212.73
NO_X	2,261.00	1,552.42	- 708.58
CO	14,616.60	10,163.80	- 4,452.80
VOC	538.00	374.11	-163.89

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAP)			
Pollutant	**Before***	**After**	**Change**
Carbon disulfide	236.70	164.10	- 72.60
Carbonyl sulfide	67.50	46.82	- 20.68
Total	**304.20**	**210.92**	**- 93.28**
Non-VOC TAP			
Ammonia	0.70	0.49	- 0.21
Hydrogen cyanide	44.80	31.09	- 13.71
Hydrogen sulfide	353.50	245.60	- 107.90
Total	**399.00**	**277.18**	**- 121.82**

Other VOC Total	**233.80**	**163.19**	**-70.61**

* Emission estimates include those from the Unit 5 project. The unit was never constructed.

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and Prevention of Significant Deterioration (PSD). New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do apply.

This facility is a major source of toxic air pollutants (TAP) pursuant to LAC 33:III.Chapter 51. The Ville Platte Plant emits Class II and Class III TAP that are above the minimum emission rate (MER). All sources which emit Class I or II TAP for which the MER has been met or exceeded on a facility-wide basis must meet Maximum Achievable Control Technology (MACT) standards according to LAC 33:III.5109.A. MACT for these sources is described in the applicable NESHAP standards listed in Section XI. Table 1 and the specific requirements of this permit.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on **<date>**, 200X; and in the <local paper>, <local town>, on **<date>**, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on **<date>**. The draft permit was also submitted to US EPA Region VI on **<date>**. All comments will be considered prior to the final permit decision.

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VII. Effects on Ambient Air

Cabot Corporation modeled emissions for Permit No. 0920-00001-V0 and PSD-LA-587(M-1), issued November 4, 1999. The results of that modeling are shown below.

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and the AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: ISCT3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
SO_2	3-hour	513.4 $\mu g/m^3$	(1300 $\mu g/m^3$)
	24-hour	202.1 $\mu g/m^3$	(365 $\mu g/m^3$)
	Annual	22.1 $\mu g/m^3$	(80 $\mu g/m^3$)
PM_{10}	24-hour	101.9 $\mu g/m^3$	(150 $\mu g/m^3$)
	Annual	30.5 $\mu g/m^3$	(50 $\mu g/m^3$)
NO_x	Annual	0.63 $\mu g/m^{3*}$	(100 $\mu g/m^3$)

*maximum modeled impact of project

VIII. General Condition XVII Activities

		Emission Rates – tons				
Work Activity	Schedule	PM_{10}	SO_2	NO_X	CO	VOC
Filter/Scrubber Shutdown and Troubleshooting	52 events/vent/year	0.398	-	-	-	-

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IX. Insignificant Activities

ID No.	Description	Citation
62A	Units 1 & 2 Pelletizer Hot-Water Heater (1.98 MMBtu/hr)	LAC 33:III.501.B.5.A.1
62B	Unit 3 Pelletizer Hot-Water Heater (1.87 MMBtu/hr)	LAC 33:III.501.B.5.A.1
62D	VP 1,2,& 4 Pelletizer Hot-Water Heater (Single Vent – 2.64 MMBtu/hr)	LAC 33:III.501.B.5.A.1
90	Diesel Storage Tank B (424 gallons)	LAC 33:III.501.B.5.A.3
91	Cabot Diesel Tank 1 (935 gallons)	LAC 33:III.501.B.5.A.3
92	Cabot Diesel Tank 2 (275 gallons)	LAC 33:III.501.B.5.A.3
93	Contractor Diesel Tank 1 (354 gallons)	LAC 33:III.501.B.5.A.3
94	Contractor Diesel Tank 2 (317 gallons)	LAC 33:III.501.B.5.A.3
96	Cabot Emergency Diesel Tank	LAC 33:III.501.B.5.A.3
-	Inorganic Emissions	LAC 33:III.501.B.5.A.4
IAA	Other Insignificant Water Heaters	LAC 33:III.501.B.5.A.5
-	Natural Gas Hot-Water Heater – Shift Foreman's Office	LAC 33:III.501.B.5.A.5
-	Laboratory equipment/vents	LAC 33:III.501.B.5.A.6
-	Water washing of empty drums	LAC 33:III.501.B.5.A.7
-	Chemical storage	LAC 33:III.501.B.5.D
-	Back-up Pumps	LAC 33:III.501.B.5.D
D1	Temporary Natural Gas Fired Engines*	LAC 33:III.501.B.5.D
D2	Temporary Diesel Fired Engines*	LAC 33:III.501.B.5.D

* NOTE: Exemptions based on LAC 33:III.501.B.5.D for the temporary natural gas fired and temporary diesel engines are granted on the basis that the units are not subject to the New Source Performance Standard, 40 CFR 60, Subpart IIII or 40 CFR 60, Subpart JJJJ, respectively. In accordance with 40 CFR 1068.31(e), a non-road engine ceases to be a non-road engine and becomes a stationary engine if it is used or will be used at the facility for 12 months or longer.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter															
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2116	51	53	56	59
UNF 01	Facility Wide - Ville Platte Plant	1	1	1	1						1			1		1	2
EQT 03	1 - Unit 1 Main Filter			1	1	3											
EQT 04	1-96 - Units 1&2 Flare			1	1	1								1			
EQT 05	25 - Unit 1 Process Filter				1	1								1			
EQT 06	26-90 - North Side Vacuum Sys. Bag Filter				1												
EQT 07	32-95 - Unit 3 Process Filter				1	1								1			
EQT 08	41-77 - Unit 2 Main Filter			1	1	3											
EQT 09	47 - Vacuum Sys. Bag Filter at Silos				1												
EQT 10	48 - Vacuum Sys. Bag Filter at Tanks				1												
EQT 11	55 - Standby Air Blower Diesel Exhaust			1	1	3											
EQT 12	56 - South Side Vacuum Sys. Bag Filter				1												
EQT 13	56-88 – No. 2 S. Bulk Tank Bin Vent Bag				1												
EQT 14	57-84 - Pellet Dryer and Oil Heaters			1	1	1								1			
EQT 15	57-88 - No. 1 N. Bulk Tank Bin Vent Bag				1												
EQT 16	58 - Product Tanks No.1&2 Vent Bag				1												
EQT 17	59 - Product Tank No.3 Vent Bag				1												

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter															
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2116	51	53	56	59
EQT 18	60A - Product Tank No.6 Vent				1												
EQT 19	60B - Product Tank No.7 Vent				1												
EQT 20	60C - Product Tank No.8 Vent				1												
EQT 21	60D - Product Tank No.9 Vent				1												
EQT 22	61 - Standby Fire Pump Diesel Exhaust																
EQT 23	63A - Feedstock Storage Tank No. 1						3										
EQT 24	63B - Feedstock Storage Tank No. 2						3										
EQT 25	63C - Feedstock Storage Tank No. 3						3										
EQT 26	64A - Unit 1 Reactor Warm-up Vent			1	1	3											
EQT 27	64B - Unit 2 Reactor Warm-up Vent			1	1	3											
EQT 28	64C - Unit 3 Reactor Warm-up Vent			1	1	3											
EQT 29	64E - Unit 4 Reactor Warm-up Vent			1	1	3											
EQT 30	66-93 - Unit 2 Process Filter				1	1								1			
EQT 31	67 - Unit 4 Flare			1	1	1								1			
EQT 32	69 - Unit 4 Process Filter				1	1								1			
EQT 33	7-96 - Unit 3 Flare			1	1	1								1			

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ID No.	Description	LAC 33:III.Chapter															
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2116	51	53	56	59
EQT 34	70 - Unit 4 Pellet Dryer Purge Gas Filter				1	1								1			
EQT 35	71A - No. 1 Bulk Storage Tank Vent Bag				1												
EQT 36	71B - No. 2 Bulk Storage Tank Vent Bag				1												
EQT 37	72 - Center Whse. Vacuum Sys. Bag				1												
EQT 38	73 - Unit 3 Pellet Dryers			1	1	1								1			
EQT 39	89 - Gasoline Storage Tank C						1										
EQT 40	95 - South Warehouse Vacuum System				1												
EQT 41	Sampling																
EQT 42	Shutdown																
EQT 43	Startup																
EQT 44	Purging Tail Gas Lines																
EQT 46	33 - Off Quality Tank VP1 Bin Vent Filter				1												
FUG 01	65 - Plant-wide Fugitives				1									1			

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter															
		5	9	11	13	15	2103	2104	2107	2111	2113	2115	2116	51	53	56	59

KEY TO MATRIX

1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP			40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	A	M	V	A	SS	YY	52	68
UNF 01	Facility Wide - Ville Platte Plant								1	1		1	1	1	1	2
EQT 03	1 - Unit 1 Main Filter													1		
EQT 04	1-96 - Units 1&2 Flare											1	1	1		
EQT 05	25 - Unit 1 Process Filter															
EQT 06	26-90 - North Side Vacuum Sys. Bag Filter															
EQT 07	32-95 - Unit 3 Process Filter															
EQT 08	41-77 - Unit 2 Main Filter													1		
EQT 09	47 - Vacuum Sys. Bag Filter at Silos															
EQT 10	48 - Vacuum Sys. Bag Filter at Tanks															
EQT 11	55 - Standby Air Blower Diesel Exhaust															
EQT 12	56 - South Side Vacuum Sys. Bag Filter															
EQT 13	56-88 – No. 2 S. Bulk Tank Bin Vent Bag															
EQT 14	57-84 - Pellet Dryer and Oil Heaters															
EQT 15	57-88 - No. 1 N. Bulk Tank Bin Vent Bag															
EQT 16	58 - Product Tanks No.1&2 Vent Bag															
EQT 17	59 - Product Tank No.3 Vent Bag															
EQT 18	60A - Product Tank No.6 Vent															
EQT 19	60B - Product Tank No.7 Vent															

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP			40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	A	M	V	A	SS	YY	52	68
EQT 20	60C - Product Tank No.8 Vent															
EQT 21	60D - Product Tank No.9 Vent															
EQT 22	61 - Standby Fire Pump Diesel Exhaust															
EQT 23	63A - Feedstock Storage Tank No. 1				2											
EQT 24	63B - Feedstock Storage Tank No. 2				2											
EQT 25	63C - Feedstock Storage Tank No. 3				2											
EQT 26	64A - Unit 1 Reactor Warm-up Vent															
EQT 27	64B - Unit 2 Reactor Warm-up Vent															
EQT 28	64C - Unit 3 Reactor Warm-up Vent															
EQT 29	64E - Unit 4 Reactor Warm-up Vent															
EQT 30	66-93 - Unit 2 Process Filter															
EQT 31	67 - Unit 4 Flare											1	1	1		
EQT 32	69 - Unit 4 Process Filter															
EQT 33	7-96 - Unit 3 Flare											1	1	1		
EQT 34	70 - Unit 4 Pellet Dryer Purge Gas Filter															
EQT 35	71A - No. 1 Bulk Storage Tank Vent Bag															
EQT 36	71B - No. 2 Bulk Storage Tank Vent Bag															
EQT 37	72 - Center Whse. Vacuum Sys. Bag															

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP			40 CFR	
		A	K	Ka	Kb	Db	Dc	GG	A	M	V	A	SS	YY	52	68
EQT 38	73 - Unit 3 Pellet Dryers															
EQT 39	89 - Gasoline Storage Tank C				2											
EQT 40	95 - South Warehouse Vacuum System															
EQT 41	Sampling															
EQT 42	Shutdown															
EQT 43	Startup															
EQT 44	Purging Tail Gas Lines															
EQT 46	33 - Off Quality Tank VP1 Bin Vent Filter															
FUG 01	65 - Plant-wide Fugitives															

KEY TO MATRIX

1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
UNF 01 - Facility Wide	Chemical Accident Prevention Provisions [40 CFR 68]	DOES NOT APPLY. The facility does not store chemicals above the threshold quantity listed in 40 CFR 68.130. Cabot shall comply with the provisions of 40 CFR 68 if they become applicable.
	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.Chapter 59]	DOES NOT APPLY. The facility does not store chemicals above the threshold quantity listed in 40 CFR 68.130, Table 59.0, or Table 59.1 of LAC 33:III.5913. Cabot shall comply with the provisions of LAC 33:III.Chapter 59 if they become applicable.
EQT 3,8,11, & 26-29	Emission Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY. Units emit less than 5 tons per year of SO_2.
EQT 5,7,30,&32	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	EXEMPT. Units emit less than 250 tons of SO_2 per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO_2 standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source		
ID No:	Requirement	Notes
EQT 23-25	Control of Emissions of Organic Compounds [LAC 33:III.2103.B]	DOES NOT APPLY. The contents of the tanks have a maximum true vapor pressure that is less than 1.5 psia.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. The contents of the tanks have a true vapor pressure that is less than 3.5 kpa (0.5 psia).
EQT 39	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. The tank's capacity is less than $75m^3$.
Table 2 provides explanation for both the exemption status or non-applicability of a source cited by 1, 2, or 3 in the matrix presented in Section X (Table 1) of this permit.		

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General Information

AI ID: 1291 Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Also Known As:

ID	Name	User Group	Start Date
0920-00001	CDS Number	CDS Number	08-05-2002
04-2271897	Cabot Corp	Federal Tax ID	11-21-1999
LAD008157661	Cabot Corp - Ville Platte Plant	Hazardous Waste Notification	12-08-1988
LA0001091	LPDES #	LPDES Permit #	05-22-2003
LAR05M525	LPDES #	LPDES Permit #	05-22-2003
WP1534	LWDPS #	LWDPS Permit #	06-25-2003
	Radiation General License	Radiation License Number	01-14-2002
7348	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
GPD-039-020	Cabot Corp	Solid Waste	01-08-2002
GPD-039-0204	SIW ID#	Solid Waste Facility No.	05-01-2001
GPD-039-0304	SW ID#	Solid Waste Facility No.	04-30-2001
40895	Cabot Corp	TEMPO Merge	07-05-2001
70586CBTCR412MI	TRI #	Toxic Release Inventory	07-09-2004

Physical Location: 2066 Cabot Rd
Ville Platte, LA 70586

Main Phone: 3373602158

Mailing Address: 2066 Cabot Rd
Ville Platte, LA 70586

Location of Front Gate: 30° 44' 49" latitude, 92° 14' 59" longitude, Coordinate Method: Lat\Long. - DMS, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	3373602158 (WP)	Air Permit Contact For
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	CALVIN_ARDOIN@	Air Permit Contact For
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	3373602158 (WP)	Radiation Contact For
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	CALVIN_ARDOIN@	Radiation Contact For
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	3373602158 (WP)	Emission Inventory Contact for
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	CALVIN_ARDOIN@	Emission Inventory Contact for
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	3373602158 (WP)	Asbestos Contact for
Calvin Ardoin	2066 Cabot Rd Ville Platte, LA 70586	CALVIN_ARDOIN@	Asbestos Contact for
Mark Suellentrop	2066 Cabot Rd Ville Platte, LA 70586	3373602109 (WP)	Responsible Official for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Cabot Corp	75 State St Boston, MA 021091806		Operates
Cabot Corp	75 State St Boston, MA 021091806		Owns

TPOR0148

General Information

AI ID: 1291 Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Related Organizations:

Name	Address	Phone (Type)	Relationship
Cabot Corp	75 State St Boston, MA 021091806		Emission Inventory Billing Party
Cabot Corp	2066 Cabot Rd Ville Platte, LA 70586		Radiation Registration Billing Party for
Cabot Corp	2066 Cabot Rd Ville Platte, LA 70586		Emission Inventory Billing Party
Cabot Corp	2066 Cabot Rd Ville Platte, LA 70586		Air Billing Party for
Cabot Corp	2066 Cabot Rd Ville Platte, LA 70586		Haz. Waste Billing Party for
Cabot Corp	2066 Cabot Rd Ville Platte, LA 70586		Solid Waste Billing Party for
Cabot Corp	2066 Cabot Rd Ville Platte, LA 70586		Water Billing Party for

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

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INVENTORIES

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Facility-Wide Requirements						
EQT 0003	1 - Unit 1 Main Filter		33.5 MM BTU/hr	23.6 MM BTU/hr		320 hr/yr
EQT 0004	1-96 - Units 1 & 2 Flare (Combined Stack)		226 MM BTU/hr	226 MM BTU/hr		8760 hr/yr
EQT 0005	25 - Unit 1 Process Filter					8760 hr/yr
EQT 0006	26-90 - North Side Vacuum Sys. Bag Filter					8760 hr/yr
EQT 0007	32-95 - Unit 3 Process Filter					8760 hr/yr
EQT 0008	41-77 - Unit 2 Main Filter		33.5 MM BTU/hr	23.6 MM BTU/hr		320 hr/yr
EQT 0009	47 - Spencer Vacuum Sys. Bag Filter @ Silos					8760 hr/yr
EQT 0010	48 - Spencer Vacuum Sys. Bag Filter @ Tanks 1, 2, & 3					8760 hr/yr
EQT 0011	55 - Standby Air Blower Diesel Engine Exhaust - (Emergency & Test Use Only)		5.17 MM BTU/hr	4.7 MM BTU/hr		26 hr/yr
EQT 0012	56 - South Side Vacuum Sys. Bag Filter					8760 hr/yr
EQT 0013	56-88 - No. 2 S. Bulk Tank Bin Vent Bag Filter					8760 hr/yr
EQT 0014	57-84 - Units 1,2,4 Pellet Dryer & Oil Heaters (Combined Stack)					8760 hr/yr
EQT 0015	57-88 - No. 1 N. Bulk Tank Bin Vent Bag Filter					8760 hr/yr
EQT 0016	58 - Product Stg. Tanks # 1 & 2 Bin Vent Bag Filter					8760 hr/yr
EQT 0017	59 - Product Stg. Tanks # 3 Bin Vent Bag Filter					8760 hr/yr
EQT 0018	60A - Product Stg. Tank # 6 Vent					8760 hr/yr
EQT 0019	60B - Product Stg. Tank # 7 Vent					8760 hr/yr
EQT 0020	60C - Product Stg. Tank # 8 Vent					8760 hr/yr
EQT 0021	60D - Product Stg. Tank # 9 Vent					8760 hr/yr
EQT 0022	61 - Standby Fire Pump Diesel Engine Exhaust - (Emergency & Test Use Only)		.44 MM BTU/hr	.4 MM BTU/hr		364 hr/yr
EQT 0023	63A - Feedstock Storage Tank #1	.84 million gallons		.12 MM gallons/day (anticipated flow)		8760 hr/yr
EQT 0024	63B - Feedstock Storage Tank #2	.84 million gallons		.12 MM gallons/day (anticipated flow)		8760 hr/yr
EQT 0025	63C - Feedstock Storage Tank #3	1.26 million gallons		.17 MM gallons/day (anticipated flow)		8760 hr/yr
EQT 0026	64A - Unit 1 Reactor Warm-up Vent		10.1 MM BTU/hr	9.2 MM BTU/hr		364 hr/yr
EQT 0027	64B - Unit 2 Reactor Warm-up Vent		4.3 MM BTU/hr	3.9 MM BTU/hr		364 hr/yr
EQT 0028	64C - Unit 3 Reactor Warm-up Vent		5 MM BTU/hr	4.5 MM BTU/hr		364 hr/yr
EQT 0029	64E - Unit 4 Reactor Warm-up Vent		7.8 MM BTU/hr	7.1 MM BTU/hr		364 hr/yr
EQT 0030	66-93 - Unit 2 Process Filter					8760 hr/yr
EQT 0031	67 - Unit 4 Flare					8760 hr/yr
EQT 0032	69 - Unit 4 Process Filter					8760 hr/yr
EQT 0033	7-96 - Unit 3 Flare					8760 hr/yr
EQT 0034	70 - Unit 4 Pellet Dryer Purge Gas Filter					8760 hr/yr
EQT 0035	71A - No. 1 Bulk Storage Tank Bin Vent Bag Filter					8760 hr/yr
EQT 0036	71B - No. 2 Bulk Storage Tank Bin Vent Bag Filter					8760 hr/yr

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INVENTORIES

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Facility-Wide Requirements						
EQT 0037	72 - Center Whse. Vacuum Sys. Bag Filter					8760 hr/yr
EQT 0038	73 - Unit 3 Pellet Dryers (Combined Stack)					8760 hr/yr
EQT 0039	89 - Gasoline Storage Tank C	265 gallons		30000 gallons/yr		8760 hr/yr
EQT 0040	95 - South Warehouse Vacuum System					8760 hr/yr
EQT 0041	Sampling - Sampling					1095 hr/yr
EQT 0042	Shutdown - Combined Unit Single - Reactor Shutdown					12.5 hr/yr
EQT 0043	Startup 1 - Combined Unit Single - Reactor Startup					12.5 hr/yr
EQT 0044	Startup 2 - Unit Startup - Purging Tail Gas Lines					16.6 hr/yr
FUG 0001	65 - Plantwide Fugitives					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Facility-Wide Requirements							
EQT 0003	1 - Unit 1 Main Filter	13.1	9058.2	3.83		121	1200
EQT 0004	1-96 - Units 1 & 2 Flare (Combined Stack)	10.71		10.13		275	1273
EQT 0005	25 - Unit 1 Process Filter	38.76	6733.4	1.92		105	185
EQT 0006	26-90 - North Side Vacuum Sys. Bag Filter	97.14	10300	1.5		35	100
EQT 0007	32-95 - Unit 3 Process Filter	35.72	6733.4	2		96	185
EQT 0008	41-77 - Unit 2 Main Filter	25.73	8072	2.58		126	1200
EQT 0009	47 - Spencer Vacuum Sys. Bag Filter @ Silos	59.42	700	.5		12	100
EQT 0010	48 - Spencer Vacuum Sys. Bag Filter @ Tanks 1, 2, & 3	66.25	340	.33		12	100
EQT 0011	55 - Standby Air Blower Diesel Engine Exhaust - (Emergency & Test Use Only)	445.63	5250	.5		18	350
EQT 0012	56 - South Side Vacuum Sys. Bag Filter	94.13	6072	1.17		30	100
EQT 0013	56-88 - No. 2 S. Bulk Tank Bin Vent Bag Filter	.19	6.3		.56	142	100
EQT 0014	57-84 - Units 1,2,4 Pellet Dryer & Oil Heaters (Combined Stack)	53.91	205776.4	9		273	766
EQT 0015	57-88 - No. 1 N. Bulk Tank Bin Vent Bag Filter	.2	6.8		.56	142	100
EQT 0016	58 - Product Stg. Tanks # 1 & 2 Bin Vent Bag Filter	51.6	860		.28	68	100
EQT 0017	59 - Product Stg. Tanks # 3 Bin Vent Bag Filter	.22	10.3	1		68	100
EQT 0018	60A - Product Stg. Tank # 6 Vent	1	5.2	.33		62	100
EQT 0019	60B - Product Stg. Tank # 7 Vent	1	5.2	.33		62	100
EQT 0020	60C - Product Stg. Tank # 8 Vent	1	5.2	.33		62	100
EQT 0021	60D - Product Stg. Tank # 9 Vent	1	5.2	.33		62	100
EQT 0022	61 - Standby Fire Pump Diesel Engine Exhaust - (Emergency & Test Use	230.63	471.7	.21		12	350

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INVENTORIES

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Facility-Wide Requirements							
	Only)						
EQT 0023	63A - Feedstock Storage Tank #1	.11	19.9	2		41	135
EQT 0024	63B - Feedstock Storage Tank #2	.11	19.9	2		41	135
EQT 0025	63C - Feedstock Storage Tank #3	.11	21.1	2		41	135
EQT 0026	64A - Unit 1 Reactor Warm-up Vent	12.01	9058.2	4		35	500
EQT 0027	64B - Unit 2 Reactor Warm-up Vent	10.71	8072	4		35	500
EQT 0028	64C - Unit 3 Reactor Warm-up Vent	10.71	8072	4		98	500
EQT 0029	64E - Unit 4 Reactor Warm-up Vent	12.01	9058.2	4		98	500
EQT 0030	66-93 - Unit 2 Process Filter	38.76	6733.4	1.92		102	185
EQT 0031	67 - Unit 4 Flare	65.62		7.16		265	1273
EQT 0032	69 - Unit 4 Process Filter	38.78	6733.4	1.92		165	185
EQT 0033	7-96 - Unit 3 Flare	65.62		9.07		156	1273
EQT 0034	70 - Unit 4 Pellet Dryer Purge Gas Filter	40.18	8108	2.07		276	400
EQT 0035	71A - No. 1 Bulk Storage Tank Bin Vent Bag Filter	.19	6.3		.56	95	100
EQT 0036	71B - No. 2 Bulk Storage Tank Bin Vent Bag Filter	.19	6.3		.56	95	100
EQT 0037	72 - Center Whse. Vacuum Sys. Bag Filter	97.14	10300	1.5		109	100
EQT 0038	73 - Unit 3 Pellet Dryers (Combined Stack)	47.25	55665.1	5		199	835
EQT 0039	89 - Gasoline Storage Tank C			.13		16	70
EQT 0040	95 - South Warehouse Vacuum System	69.05	1450		.35	34	100

Relationships:

ID	Description	Relationship	ID	Description
EQT 0004	1-96 - Units 1 & 2 Flare (Combined Stack)	Controls emissions from	EQT 0008	41-77 - Unit 2 Main Filter
EQT 0004	1-96 - Units 1 & 2 Flare (Combined Stack)	Controls emissions from	EQT 0003	1 - Unit 1 Main Filter

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	Filters - Filter Requirements
CRG 0002	Common Requirements Group	CDs - Combustion Devices
GRP 0001	Equipment Group	CAP - Facility-wide Process Emissions CAP
UNF 0001	Unit or Facility Wide	Ville Platte Plant - Facility-Wide Requirements

Group Membership:

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INVENTORIES

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT 0004	1-96 - Units 1 & 2 Flare (Combined Stack)	CRG0000000002, GRP0000000001
EQT 0005	25 - Unit 1 Process Filter	GRP0000000001
EQT 0006	26-90 - North Side Vacuum Sys. Bag Filter	CRG0000000001
EQT 0007	32-95 - Unit 3 Process Filter	GRP0000000001
EQT 0009	47 - Spencer Vacuum Sys. Bag Filter @ Silos	CRG0000000001
EQT 0010	48 - Spencer Vacuum Sys. Bag Filter @ Tanks 1, 2, & 3	CRG0000000001
EQT 0011	55 - Standby Air Blower Diesel Engine Exhaust - (Emergency & Test Use Only)	CRG0000000002
EQT 0012	56 - South Side Vacuum Sys. Bag Filter	CRG0000000001
EQT 0013	56-88 - No. 2 S. Bulk Tank Bin Vent Bag Filter	CRG0000000001
EQT 0014	57-84 - Units 1,2,4 Pellet Dryer & Oil Heaters (Combined Stack)	GRP0000000001
EQT 0015	57-88 - No. 1 N. Bulk Tank Bin Vent Bag Filter	CRG0000000001
EQT 0016	58 - Product Stg. Tanks # 1 & 2 Bin Vent Bag Filter	CRG0000000001
EQT 0017	59 - Product Stg. Tanks # 3 Bin Vent Bag Filter	CRG0000000001
EQT 0022	61 - Standby Fire Pump Diesel Engine Exhaust - (Emergency & Test Use Only)	CRG0000000002
EQT 0030	66-93 - Unit 2 Process Filter	CRG0000000001, GRP0000000001
EQT 0031	67 - Unit 4 Flare	CRG0000000002, GRP0000000001
EQT 0032	69 - Unit 4 Process Filter	CRG0000000001, GRP0000000001
EQT 0033	7-96 - Unit 3 Flare	CRG0000000002, GRP0000000001
EQT 0034	70 - Unit 4 Pellet Dryer Purge Gas Filter	CRG0000000001, GRP0000000001
EQT 0035	71A - No. 1 Bulk Storage Tank Bin Vent Bag Filter	CRG0000000001
EQT 0036	71B - No. 2 Bulk Storage Tank Bin Vent Bag Filter	CRG0000000001
EQT 0037	72 - Center Whse. Vacuum Sys. Bag Filter	CRG0000000001
EQT 0038	73 - Unit 3 Pellet Dryers (Combined Stack)	GRP0000000001
FUG 0001	65 - Plantwide Fugitives	GRP0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1611	1611 Bulk Loader: 25,000 Ton/Yr or Less Throughput		

SIC Codes:

2895	Carbon black	AI 1291
2895	Carbon black	UNF 001

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Facility-Wide Requirements															
EQT 0003 1	2.00	2.80	0.30	2.40	3.30	0.40	0.22	0.32	<0.10	0.01	0.02	<0.10	0.13	0.18	<0.10
EQT 0004 1-96		130.90			202.50			24.30			2971.10			4.50	
EQT 0005 25		658.00			0.29			0.69			2.90			26.40	
EQT 0006 26-90							0.11	0.14	0.50						
EQT 0007 32-95		603.20			0.26			0.63			2.60			24.20	
EQT 0008 41-77	2.00	2.80	0.30	2.40	3.30	0.40	0.22	0.32	<0.10	0.01	0.02	<0.10	0.13	0.18	<0.10
EQT 0009 47							0.002	0.08	<0.10						
EQT 0010 48							0.002	0.08	<0.1						
EQT 0011 55	4.50	4.90	<0.1	20.70	22.80	0.30	1.50	1.60	<0.1	1.40	1.50	<0.1	1.70	1.90	<0.1
EQT 0012 56							0.06	0.18	0.30						
EQT 0013 56-68							0.002	0.003	<0.1						
EQT 0014 57-84		61.10			81.00			10.60			1335.80			8.70	
EQT 0015 57-88							0.002	0.003	<0.1						
EQT 0016 58							0.05	0.25	0.20						
EQT 0017 59							0.01	0.01	<0.1						
EQT 0018 60A							0.01	0.02	0.10						
EQT 0019 60B							0.01	0.02	0.10						
EQT 0020 60C							0.01	0.02	0.10						
EQT 0021 60D							0.01	0.02	0.10						
EQT 0022 61	0.38	0.42	0.10	1.80	1.90	0.30	0.12	0.14	<0.1	0.12	0.13	<0.1	0.14	0.16	<0.1
EQT 0023 63A													0.003	0.70	<0.1
EQT 0024 63B													0.003	0.70	<0.1
EQT 0025 63C													0.004	1.10	<0.1

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Facility-Wide Requirements															
EQT 0026 64A	0.77	0.85	0.10	0.92	1.00	0.10	0.13	0.26	0.58	0.01	0.01	0.1	0.05	0.06	0.1
EQT 0027 64B	0.33	0.36	<0.10	0.39	0.43	0.10	0.12	0.22	0.52	0.002	0.003	0.10	0.02	0.02	0.10
EQT 0028 64C	0.38	0.42	0.1	0.45	0.50	0.1	0.12	0.22	0.52	0.003	0.003	0.1	0.02	0.03	0.1
EQT 0029 64E	0.60	0.66	0.10	0.71	0.78	0.10	0.13	0.26	0.58	0.004	0.005	0.1	0.04	0.04	0.1
EQT 0030 66-93		712.90			0.31			0.74			3.10			28.60	
EQT 0031 67		62.80			97.20			11.60			1426.10			2.20	
EQT 0032 69		658.00			0.29			0.69			2.90			26.40	
EQT 0033 7-96		57.60			89.10			10.70			1307.30			2.00	
EQT 0034 70		4.10			1.60			0.03			51.20			1.50	
EQT 0035 71A							0.002	0.003	<0.1						
EQT 0036 71B							0.002	0.003	<0.1						
EQT 0037 72							0.04	0.11	0.20						
EQT 0038 73		19.40			24.50			3.20			412.40			3.00	
EQT 0039 89													0.03	3.40	0.10
EQT 0040 95							0.16	0.16	0.70						
EQT 0041 Sampling	185.57	986.99	101.60	0.55	0.84	0.30	0.13	0.77	0.07	0.02	4.61	0.01	5.66	12.57	3.10
EQT 0042 Shutdown	16576.0	50167.1	103.60	6.40	26.48	0.04	12.80	38.71	0.08	72.00	222.96	0.45	499.20	713.35	3.12
EQT 0043 Startup 1	16576.0	50167.1	103.60	6.40	26.48	0.04	12.80	38.71	0.08	72.00	222.96	0.45	496.00	713.35	3.10
EQT 0044 Startup 2	12617.2	98703.4	104.70	12.05	103.69	0.10	9.64	79.39	0.08	57.83	460.89	0.48	397.58	883.69	3.30
GRP 0001 CAP	2225.80		9749.10	353.90		1550.10	65.90		288.60	5604.50		24547.8	82.30		360.30

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Emission rates Notes:

GRP 0001	PM10	Avg lb/hr	Per PSD-LA-587 (M-2)	Which Months: All Year
GRP 0001	PM10	Tons/Year	Per PSD-LA-587 (M-2)	Which Months: All Year

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

GRP 0001	SO2	Avg lb/hr	Per PSD-LA-587 (M-2)	Which Months: All Year
GRP 0001	SO2	Tons/Year	Per PSD-LA-587 (M-2)	Which Months: All Year
GRP 0001	NOx	Avg lb/hr	Per PSD-LA-587 (M-2)	Which Months: All Year
GRP 0001	NOx	Tons/Year	Per PSD-LA-587 (M-2)	Which Months: All Year

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0004 1-96	Ammonia		0.01	
	Carbon disulfide		1.50	
	Carbonyl sulfide		0.51	
	Hydrogen cyanide		0.36	
	Hydrogen sulfide		3.10	
EQT 0005 25	Ammonia		0.03	
	Carbon disulfide		10.00	
	Carbonyl sulfide		3.30	
	Hydrogen cyanide		1.80	
	Hydrogen sulfide		15.20	
EQT 0007 32-95	Ammonia		0.02	
	Carbon disulfide		9.20	
	Carbonyl sulfide		3.10	
	Hydrogen cyanide		1.70	
	Hydrogen sulfide		14.00	
EQT 0014 57-84	Ammonia		0.004	
	Carbon disulfide		4.40	
	Carbonyl sulfide		2.10	
	Hydrogen cyanide		0.33	
	Hydrogen sulfide		2.40	
EQT 0030 66-93	Ammonia		0.03	
	Carbon disulfide		10.80	
	Carbonyl sulfide		3.60	
	Hydrogen cyanide		2.00	
	Hydrogen sulfide		16.50	
EQT 0031 67	Ammonia		0.003	
	Carbon disulfide		0.73	
	Carbonyl sulfide		0.25	
	Hydrogen cyanide		0.17	
	Hydrogen sulfide		1.50	
EQT 0032 69	Ammonia		0.03	
	Carbon disulfide		10.00	
	Carbonyl sulfide		3.30	

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0032 69	Hydrogen cyanide		1.80	
	Hydrogen sulfide		15.20	
EQT 0033 7-96	Ammonia		0.003	
	Carbon disulfide		0.66	
	Carbonyl sulfide		0.23	
	Hydrogen cyanide		0.16	
	Hydrogen sulfide		1.40	
EQT 0034 70	Ammonia		<0.001	
	Carbon disulfide		0.88	
	Carbonyl sulfide		0.60	
	Hydrogen cyanide		<0.001	
	Hydrogen sulfide		<0.001	
EQT 0038 73	Ammonia		0.001	
	Carbon disulfide		1.60	
	Carbonyl sulfide		0.81	
	Hydrogen cyanide		0.10	
	Hydrogen sulfide		0.70	
EQT 0041 Sampling	Ammonia	<0.01	0.04	<0.01
	Carbon disulfide	2.74	13.9	1.50
	Carbonyl sulfide	0.62	4.01	0.34
	Hydrogen cyanide	0.51	2.48	0.28
	Hydrogen sulfide	4.38	24.62	2.40
EQT 0042 Shutdown	Ammonia	1.60	1.94	0.01
	Carbon disulfide	176.00	694.10	1.10
	Carbonyl sulfide	59.20	226.81	0.37
	Hydrogen cyanide	41.60	152.84	0.26
	Hydrogen sulfide	384.00	1189.85	2.40
EQT 0043 Startup 1	Ammonia	1.60	1.94	0.01
	Carbon disulfide	176.00	694.10	1.10
	Carbonyl sulfide	59.20	226.81	0.37
	Hydrogen cyanide	41.60	152.84	0.26
	Hydrogen sulfide	384.00	1189.85	2.40
EQT 0044 Startup 2	Ammonia	1.20	3.53	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0044 Startup 2	Carbon disulfide	168.67	1389.53	1.40
	Carbonyl sulfide	50.60	1402.72	0.42
	Hydrogen cyanide	34.94	280.67	0.29
	Hydrogen sulfide	289.16	2462.34	2.40
GRP 0001 CAP	Ammonia	0.10		0.46
	Carbon disulfide	36.30		159.00
	Carbonyl sulfide	10.30		45.30
	Hydrogen cyanide	6.80		30.00
	Hydrogen sulfide	53.90		236.10
UNF 0001 Ville Platte Plant	Ammonia			0.49
	Carbon disulfide			164.10
	Carbonyl sulfide			46.82
	Hydrogen cyanide			31.09
	Hydrogen sulfide			245.60

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

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AI ID: 1291 - Cabot Corp - Ville Platte Plant
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Air - Title V Regular Permit Renewal

EQT 0003 1 - Unit 1 Main Filter

1	[40 CFR 63.1103(f)(3)]	Reduce emissions of HAP by using a flare meeting the requirements of 40 CFR 63 Subpart SS. Subpart YY. [40 CFR 63.1103(f)(3)]

EQT 0004 1-96 - Units 1 & 2 Flare (Combined Stack)

2	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
3	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
4	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
5	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
6	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
7	[40 CFR 63.11(b)(6)(i)(A)]	Diameter >= 3 in; nonassisted; Hydrogen content >= 8 % by volume; Exit Velocity < 122 ft/sec (37.2 m/sec) and < Vmax, as determined using the equation specified in 40 CFR 63.11(b)(6)(i)(A). Subpart A. [40 CFR 63.11(b)(6)(i)(A)] Which Months: All Year Statistical Basis: None specified
8	[40 CFR 63.11(b)(6)(i)(B)]	Determine the actual exit velocity using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(6)(i)(B)]
9	[40 CFR 63.1103(f)(3)]	Comply with the requirements of 40 CFR 63 Subpart SS. Subpart YY. [40 CFR 63.1103(f)(3)]
10	[40 CFR 63.1105(c)]	Ensure that the control device is operating whenever HAP emissions are vented. Subpart YY. [40 CFR 63.1105(c)]
11	[40 CFR 63.983(a)(1)]	Closed-vent systems: Ensure that each closed-vent system is designed and operated to collect the regulated material vapors from the emission point, and to route the collected vapors to a control device. Subpart SS. [40 CFR 63.983(a)(1)]
12	[40 CFR 63.983(a)(2)]	Closed-vent systems: Operate at all times when emissions are vented to, or collected by, them. Subpart SS. [40 CFR 63.983(a)(2)]
13	[40 CFR 63.983(b)(1)(i)(A)]	Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
14	[40 CFR 63.983(b)(1)(i)(B)]	Closed-vent systems (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. Subpart SS. [40 CFR 63.983(b)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified
15	[40 CFR 63.983(b)(1)(ii)]	Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(ii)] Which Months: All Year Statistical Basis: None specified
16	[40 CFR 63.983(b)(2)(i)]	Closed-vent systems (unsafe-to-monitor): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.983(b)(1). Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(i)]

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EQT 0004 1-96 - Units 1 & 2 Flare (Combined Stack)

17	[40 CFR 63.983(b)(2)(ii)]	Closed-vent systems (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times, at least once annually. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(ii)] Which Months: All Year Statistical Basis: None specified
18	[40 CFR 63.983(b)(3)(i)]	Closed-vent systems (difficult-to-monitor): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(i)]
19	[40 CFR 63.983(b)(3)(ii)]	Closed-vent systems (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment at least once every 5 years. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
20	[40 CFR 63.983(d)(1)]	Closed-vent systems (hard piping): Eliminate leak, or monitor according to the procedures in 40 CFR 63.983(c), if there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by 40 CFR 63.983(b)(1)(i)(B). Subpart SS. [40 CFR 63.983(d)(1)]
21	[40 CFR 63.983(d)(2)]	Closed-vent systems: Repair leaks as soon as practical, except as provided in 40 CFR 63.983(d)(3). Make a first attempt at repair no later than 5 days after the leak is detected, and complete repairs no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later. Subpart SS. [40 CFR 63.983(d)(2)]
22	[40 CFR 63.983(d)(3)]	Closed-vent systems (delay of repair allowed): Repair equipment as soon as practical, but not later than the end of the next closed-vent system shutdown. Subpart SS. [40 CFR 63.983(d)(3)]
23	[40 CFR 63.987(a)]	Meet the performance requirements in 40 CFR 63.11(b). Subpart SS. [40 CFR 63.987(a)]
24	[40 CFR 63.987(b)]	Conduct an initial flare compliance assessment that meets the requirements specified in 40 CFR 63.987(b)(3)(i) through (b)(3)(iv). On July 31, 2008, the Department approved the compliance assessment results for the unit. Subpart SS. [40 CFR 63.987(b)]
25	[40 CFR 63.987(c)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Use a device (including but not limited to a thermocouple, ultra-violet beam sensor, or infrared sensor) capable of continuously detecting that at least one pilot flame or the flare flame is present. Subpart SS. [40 CFR 63.987(c)] Which Months: All Year Statistical Basis: None specified
26	[40 CFR 63.998]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.998(a) through (d), as applicable. Subpart SS.
27	[40 CFR 63.999(a)(1)(i)]	Notify DEQ of the intention to conduct a performance test or flare compliance assessment: Due at least 30 days before such a compliance demonstration is scheduled to allow DEQ the opportunity to have an observer present. Notify DEQ as soon as possible of any delay in the original demonstration date, if after 30 days notice for such an initially scheduled compliance demonstration, there is a delay (due to operational problems, etc.) in conducting the scheduled compliance demonstration. Provide at least 7 days prior notice of the rescheduled date of the compliance demonstration, or arrange a rescheduled date with DEQ by mutual agreement. Subpart SS. [40 CFR 63.999(a)(1)(i)]
28	[40 CFR 63.999(a)(1)(ii)]	Submit performance test and flare compliance assessment reports, if not submitted as part of a Notification of Compliance Status report, to DEQ within 60 days of completing the test or determination, unless specified differently. Include the information specified in 40 CFR 63.999(a)(2)(i) through (a)(2)(iii). Subpart SS. [40 CFR 63.999(a)(1)(ii)]

SPECIFIC REQUIREMENTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
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EQT 0004 1-96 - Units 1 & 2 Flare (Combined Stack)

29	[40 CFR 63.999(a)(1)(iii)]	Submit application for a waiver of an initial performance test or flare compliance assessment, as allowed by 40 CFR 63.997(b)(2), no later than 90 days before the performance test or compliance assessment is required. Include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the test. Subpart SS. [40 CFR 63.999(a)(1)(iii)]
30	[40 CFR 63.999(a)(1)(iv)]	Submit application to substitute a prior performance test or compliance assessment for an initial performance test or compliance assessment, as allowed by 40 CFR63.997(b)(1), no later than 90 days before the performance test or compliance test is required. Include information demonstrating that the prior performance test or compliance assessment was conducted using the same methods specified in 40 CFR 63.997(e) or 40 CFR 63.987(b)(3), as applicable. Also include information demonstrating that no process changes have been made since the test, or that the results of the performance test or compliance assessment reliably demonstrate compliance despite process changes. Subpart SS. [40 CFR 63.999(a)(1)(iv)]
31	[40 CFR 63.999(c)]	Submit Periodic Report: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(c)(1) through (c)(7). Subpart SS. [40 CFR 63.999(c)]
32	[40 CFR 63.999(d)(1)]	Submit request for approval to use alternatives to continuous operating parameter monitoring and recordkeeping provisions, as provided for in 40 CFR 63.996(d)(1), as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(1)(i) and (d)(1)(ii). Subpart SS. [40 CFR 63.999(d)(1)]
33	[40 CFR 63.999(d)(2)]	Submit request for approval to monitor a different parameter than those established in 40 CFR 63.996(c)(6) or to set unique monitoring parameters, as provided for in 40 CFR 63.996(d)(2), as specified as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(2)(i) through (d)(2)(iii). Subpart SS. [40 CFR 63.999(d)(2)]
34	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
35	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
36	[LAC 33:III.1503.C]	Sulfur dioxide <= 2000 ppmv on a wet basis at standard conditions. Which Months: All Year Statistical Basis: Three-hour average
37	[LAC 33:III.1503.D.1]	In order to demonstrate compliance with the sulfur dioxide emission limitations of LAC 33:III.Chapter 15, institute the mass balance system required by PSD-LA-587(M-2) and specified under the Facility-Wide Process Emissions CAP in GRP 01. Use these methods for initial compliance determinations and for additional compliance determinations as requested by the Department.
38	[LAC 33:III.1509]	Control process gas streams by flaring or combustion.
39	[LAC 33:III.1513]	Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39.
40	[LAC 33:III.1513]	Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
41	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

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EQT 0004 1-96 - Units 1 & 2 Flare (Combined Stack)

42	[LAC 33:III.501.C.6]	Flare Pilot Temperature > 400 F. Noncompliance with this limitation is a reportable violation of this permit. Notify the Office of Environmental Compliance, Enforcement Division if the flare pilot flame temperature is below 400 degrees F when emissions may be vented to the flare. Which Months: All Year Statistical Basis: Constant
43	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
44	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with NESHAP YY determined to be MACT).

EQT 0005 25 - Unit 1 Process Filter

45	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
46	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
47	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
48	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No controls is determined to be MACT).

EQT 0006 26-90 - North Side Vacuum Sys. Bag Filter

49	[40 CFR 64.3(b)(3)]	Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
50	[40 CFR 64.6(c)(1)]	Opacity (surrogate for Particulate matter (10 microns or less)) monitored by visual inspection/determination daily using EPA Reference Method 9 or 22. Ensure compliance with the opacity and particulate emission limits of this permit by performing visual inspections on a daily basis. If visual emissions are detected above ten (10) percent opacity, then, as expeditiously as practicable, conduct a six-minute opacity reading in accordance with EPA Reference Methods 9 or 22. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified
51	[40 CFR 64.6(c)(2)]	Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
52	[40 CFR 64.6(c)(2)]	An excursion or exceedance is defined as an exhaust opacity greater than 20% except for more than one six-minute period in any 60 consecutive minutes. [40 CFR 64.6(c)(2)]

SPECIFIC REQUIREMENTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
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EQT 0006 26-90 - North Side Vacuum Sys. Bag Filter

53	[40 CFR 64.6(c)(4)]	Opacity (surrogate for Particulate matter (10 microns or less)) recordkeeping by electronic or hard copy daily. Maintain records of visual emission checks. These records shall include the emission point ID, date visual check was performed, a record if visible emissions were detected, and a record of Method 9 or 22 testing conducted and the result of the Method 9 or 22 test. Maintain these records for a period of at least five years. [40 CFR 64.6(c)(4)]
54	[40 CFR 64.7(a)]	Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
55	[40 CFR 64.7(b)]	Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
56	[40 CFR 64.7(c)]	Conduct all monitoring required under 40 CFR 64 daily at all times that the pollutant-specific emissions unit is operating, 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). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
57	[40 CFR 64.7(d)(1)]	Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
58	[40 CFR 64.7(e)]	Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the opacity standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
59	[40 CFR 64.9(a)]	Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
60	[40 CFR 64.9(b)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
61	[40 CFR 64.9(b)(1)]	Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
62	[40 CFR 64.9(b)(1)]	Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

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EQT 0006 26-90 - North Side Vacuum Sys. Bag Filter

63	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0007 32-95 - Unit 3 Process Filter

64	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
65	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
66	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
67	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No controls is determined as MACT).

EQT 0008 41-77 - Unit 2 Main Filter

68	[40 CFR 63.1103(f)(3)]	Reduce emissions of HAP by using a flare meeting the requirements of 40 CFR 63 Subpart SS. Subpart YY. [40 CFR 63.1103(f)(3)]

EQT 0009 47 - Spencer Vacuum Sys. Bag Filter @ Silos

69	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0010 48 - Spencer Vacuum Sys. Bag Filter @ Tanks 1, 2, & 3

70	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0011 55 - Standby Air Blower Diesel Engine Exhaust - (Emergency & Test Use Only)

71	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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Air - Title V Regular Permit Renewal

EQT 0011 55 - Standby Air Blower Diesel Engine Exhaust - (Emergency & Test Use Only)

72	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0012 56 - South Side Vacuum Sys. Bag Filter

73	[40 CFR 64.3(b)(3)]	Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
74	[40 CFR 64.6(c)(1)]	Opacity (surrogate for Particulate matter (10 microns or less)) monitored by visual inspection/determination daily using EPA Reference Method 9 or 22. Ensure compliance with the opacity and particulate emission limits of this permit by performing visual inspections on a daily basis. If visual emissions are detected above ten (10) percent opacity, then, as expeditiously as practicable, conduct a six-minute opacity reading in accordance with EPA Reference Methods 9 or 22. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified
75	[40 CFR 64.6(c)(2)]	Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
76	[40 CFR 64.6(c)(2)]	An excursion or exceedance is defined as an exhaust opacity greater than 20% except for more than one six-minute period in any 60 consecutive minutes. [40 CFR 64.6(c)(2)]
77	[40 CFR 64.6(c)(4)]	Opacity (surrogate for Particulate matter (10 microns or less)) recordkeeping by electronic or hard copy daily. Maintain records of visual emission checks. These records shall include the emission point ID, date visual check was performed, a record if visible emissions were detected, and a record of Method 9 or 22 testing conducted and the result of the test. Maintain these records for a period of at least five years. [40 CFR 64.6(c)(4)]
78	[40 CFR 64.7(a)]	Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
79	[40 CFR 64.7(b)]	Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
80	[40 CFR 64.7(c)]	Conduct all monitoring required under 40 CFR 64 daily at all times that the pollutant-specific emissions unit is operating, 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). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
81	[40 CFR 64.7(d)(1)]	Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

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SPECIFIC REQUIREMENTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
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EQT 0012 56 - South Side Vacuum Sys. Bag Filter

82	[40 CFR 64.7(e)]	Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the opacity standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
83	[40 CFR 64.9(a)]	Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
84	[40 CFR 64.9(b)(1)]	Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
85	[40 CFR 64.9(b)(1)]	Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
86	[40 CFR 64.9(b)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
87	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0013 56-88 - No. 2 S. Bulk Tank Bin Vent Bag Filter

88	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0014 57-84 - Units 1,2,4 Pellet Dryer & Oil Heaters (Combined Stack)

89	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
90	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
91	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

EQT 0014 57-84 - Units 1,2,4 Pellet Dryer & Oil Heaters (Combined Stack)

92	[LAC 33:III.1503.C]	Sulfur dioxide <= 2000 ppmv on a wet basis and at standard conditions. Which Months: All Year Statistical Basis: Three-hour average
93	[LAC 33:III.1503.D.1]	In order to demonstrate compliance with the sulfur dioxide emission limitations of LAC 33:III.Chapter 15, institute the mass balance system required by PSD-LA-587(M-2) and specified under the Facility-Wide Process Emissions CAP in GRP 01. Use these methods for initial compliance determinations and for additional compliance determinations as requested by the Department.
94	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
95	[LAC 33:III.1513]	Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
96	[LAC 33:III.1513]	Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39.
97	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
98	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additional controls is determined to be MACT).

EQT 0015 57-88 - No. 1 N. Bulk Tank Bin Vent Bag Filter

99	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0016 58 - Product Stg. Tanks # 1 & 2 Bin Vent Bag Filter

100	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0017 59 - Product Stg. Tanks # 3 Bin Vent Bag Filter

101	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0018 60A - Product Stg. Tank # 6 Vent

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EQT 0018 60A - Product Stg. Tank # 6 Vent

102 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0019 60B - Product Stg. Tank # 7 Vent

103 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0020 60C - Product Stg. Tank # 8 Vent

104 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0021 60D - Product Stg. Tank # 9 Vent

105 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0026 64A - Unit 1 Reactor Warm-up Vent

106 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

107 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0027 64B - Unit 2 Reactor Warm-up Vent

108 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

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EQT 0027 64B - Unit 2 Reactor Warm-up Vent

109	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0028 64C - Unit 3 Reactor Warm-up Vent

110	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
111	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0029 64E - Unit 4 Reactor Warm-up Vent

112	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
113	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0030 66-93 - Unit 2 Process Filter

114	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
115	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
116	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
117	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No controls is determined to be MACT).

EQT 0031 67 - Unit 4 Flare

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EQT 0031 67 - Unit 4 Flare

118	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
119	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
120	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
121	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
122	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
123	[40 CFR 63.11(b)(6)(i)(A)]	Diameter >= 3 in; nonassisted; Hydrogen content >= 8 % by volume; Exit Velocity < 122 ft/sec (37.2 m/sec) and < Vmax, as determined using the equation specified in 40 CFR 63.11(b)(6)(i)(A). Subpart A. [40 CFR 63.11(b)(6)(i)(A)] Which Months: All Year Statistical Basis: None specified
124	[40 CFR 63.11(b)(6)(i)(B)]	Determine the actual exit velocity using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(6)(i)(B)]
125	[40 CFR 63.1103(f)(3)]	Comply with the requirements of 40 CFR 63 Subpart SS. Subpart YY. [40 CFR 63.1103(f)(3)]
126	[40 CFR 63.1105(c)]	Ensure that the control device is operating whenever HAP emissions are vented. Subpart YY. [40 CFR 63.1105(c)]
127	[40 CFR 63.983(a)(1)]	Closed-vent systems: Ensure that each closed-vent system is designed and operated to collect the regulated material vapors from the emission point, and to route the collected vapors to a control device. Subpart SS. [40 CFR 63.983(a)(1)]
128	[40 CFR 63.983(a)(2)]	Closed-vent systems: Operate at all times when emissions are vented to, or collected by, them. Subpart SS. [40 CFR 63.983(a)(2)]
129	[40 CFR 63.983(b)(1)(i)(A)]	Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
130	[40 CFR 63.983(b)(1)(i)(B)]	Closed-vent systems (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. Subpart SS. [40 CFR 63.983(b)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified
131	[40 CFR 63.983(b)(1)(ii)]	Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(ii)] Which Months: All Year Statistical Basis: None specified
132	[40 CFR 63.983(b)(2)(i)]	Closed-vent systems (unsafe-to-monitor): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.983(b)(1). Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(i)]
133	[40 CFR 63.983(b)(2)(ii)]	Closed-vent systems (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times, at least once annually. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(ii)] Which Months: All Year Statistical Basis: None specified

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134	[40 CFR 63.983(b)(3)(i)]	Closed-vent systems (difficult-to-monitor): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(i)]
135	[40 CFR 63.983(b)(3)(ii)]	Closed-vent systems (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment at least once every 5 years. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
136	[40 CFR 63.983(d)(1)]	Closed-vent systems (hard piping): Eliminate leak, or monitor according to the procedures in 40 CFR 63.983(c), if there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by 40 CFR 63.983(b)(1)(i)(B). Subpart SS. [40 CFR 63.983(d)(1)]
137	[40 CFR 63.983(d)(2)]	Closed-vent systems: Repair leaks as soon as practical, except as provided in 40 CFR 63.983(d)(3). Make a first attempt at repair no later than 5 days after the leak is detected, and complete repairs no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later. Subpart SS. [40 CFR 63.983(d)(2)]
138	[40 CFR 63.983(d)(3)]	Closed-vent systems (delay of repair allowed): Repair equipment as soon as practical, but not later than the end of the next closed-vent system shutdown. Subpart SS. [40 CFR 63.983(d)(3)]
139	[40 CFR 63.987(a)]	Meet the performance requirements in 40 CFR 63.11(b). Subpart SS. [40 CFR 63.987(a)]
140	[40 CFR 63.987(b)]	Conduct an initial flare compliance assessment that meets the requirements specified in 40 CFR 63.987(b)(3)(i) through (b)(3)(iv). On July 31, 2008, the Department approved the compliance assessment results for the unit. Subpart SS. [40 CFR 63.987(b)]
141	[40 CFR 63.987(c)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Use a device (including but not limited to a thermocouple, ultra-violet beam sensor, or infrared sensor) capable of continuously detecting that at least one pilot flame or the flare flame is present. Subpart SS. [40 CFR 63.987(c)] Which Months: All Year Statistical Basis: None specified
142	[40 CFR 63.998]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.998(a) through (d), as applicable. Subpart SS.
143	[40 CFR 63.999(a)(1)(i)]	Notify DEQ of the intention to conduct a performance test or flare compliance assessment: Due at least 30 days before such a compliance demonstration is scheduled to allow DEQ the opportunity to have an observer present. Notify DEQ as soon as possible of any delay in the original demonstration date, if after 30 days notice for such an initially scheduled compliance demonstration, there is a delay (due to operational problems, etc.) in conducting the scheduled compliance demonstration. Provide at least 7 days prior notice of the rescheduled date of the compliance demonstration, or arrange a rescheduled date with DEQ by mutual agreement. Subpart SS. [40 CFR 63.999(a)(1)(i)]
144	[40 CFR 63.999(a)(1)(ii)]	Submit performance test and flare compliance assessment reports, if not submitted as part of a Notification of Compliance Status report, to DEQ within 60 days of completing the test or determination, unless specified differently. Include the information specified in 40 CFR 63.999(a)(2)(i) through (a)(2)(iii). Subpart SS. [40 CFR 63.999(a)(1)(ii)]
145	[40 CFR 63.999(a)(1)(iii)]	Submit application for a waiver of an initial performance test or flare compliance assessment, as allowed by 40 CFR 63.997(b)(2), no later than 90 days before the performance test or compliance assessment is required. Include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the test. Subpart SS. [40 CFR 63.999(a)(1)(iii)]

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146	[40 CFR 63.999(a)(1)(iv)]	Submit application to substitute a prior performance test or compliance assessment for an initial performance test or compliance assessment, as allowed by 40 CFR63.997(b)(1), no later than 90 days before the performance test or compliance test is required. Include information demonstrating that the prior performance test or compliance assessment was conducted using the same methods specified in 40 CFR 63.997(e) or 40 CFR 63.987(b)(3), as applicable. Also include information demonstrating that no process changes have been made since the test, or that the results of the performance test or compliance assessment reliably demonstrate compliance despite process changes. Subpart SS. [40 CFR 63.999(a)(1)(iv)]
147	[40 CFR 63.999(c)]	Submit Periodic Report: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(c)(1) through (c)(7). Subpart SS. [40 CFR 63.999(c)]
148	[40 CFR 63.999(d)(1)]	Submit request for approval to use alternatives to continuous operating parameter monitoring and recordkeeping provisions, as provided for in 40 CFR 63.996(d)(1), as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(1)(i) and (d)(1)(ii). Subpart SS. [40 CFR 63.999(d)(1)]
149	[40 CFR 63.999(d)(2)]	Submit request for approval to monitor a different parameter than those established in 40 CFR 63.996(c)(6) or to set unique monitoring parameters, as provided for in 40 CFR 63.996(d)(2), as specified as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(2)(i) through (d)(2)(iii). Subpart SS. [40 CFR 63.999(d)(2)]
150	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
151	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
152	[LAC 33:III.1503.C]	Sulfur dioxide <= 2000 ppmv on a wet basis and at standard conditions. Which Months: All Year Statistical Basis: Three-hour average
153	[LAC 33:III.1503.D.1]	In order to demonstrate compliance with the sulfur dioxide emission limitations of LAC 33:III.Chapter 15, institute the mass balance system required by PSD-LA-587(M-2) and specified under the Facility-Wide Process Emissions CAP in GRP 01. Use these methods for initial compliance determinations and for additional compliance determinations as requested by the Department.
154	[LAC 33:III.1509]	Control process gas streams by flaring or combustion.
155	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
156	[LAC 33:III.1513]	Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
157	[LAC 33:III.1513]	Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39.
158	[LAC 33:III.501.C.6]	Flare Pilot Temperature > 400 F. Noncompliance with this limitation is a reportable violation of this permit. Notify the Office of Environmental Compliance, Enforcement Division if the flare pilot flame temperature is below 400 degrees F when emissions may be vented to the flare.
159	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.

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160	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with NESHAP YY is determined to be MACT).

EQT 0032 69 - Unit 4 Process Filter

161	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
162	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
163	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
164	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No controls is determined to be MACT).

EQT 0033 7-96 - Unit 3 Flare

165	[40 CFR 63.11(b)(1)]	Monitor flares to assure that they are operated and maintained in conformance with their designs. Subpart A. [40 CFR 63.11(b)(1)]
166	[40 CFR 63.11(b)(3)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 63.11(b)(3)]
167	[40 CFR 63.11(b)(4)]	Design and operate for no visible emissions, as determined using Test Method 22 in Appendix A of 40 CFR 60, except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 63.11(b)(4)]
168	[40 CFR 63.11(b)(5)]	Operate with a flame present at all times. Subpart A. [40 CFR 63.11(b)(5)]
169	[40 CFR 63.11(b)(5)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flame. Subpart A. [40 CFR 63.11(b)(5)] Which Months: All Year Statistical Basis: None specified
170	[40 CFR 63.11(b)(6)(i)(A)]	Diameter >= 3 in; nonassisted; Hydrogen content >= 8 % by volume; Exit Velocity < 122 ft/sec (37.2 m/sec) and < Vmax, as determined using the equation specified in 40 CFR 63.11(b)(6)(i)(A). Subpart A. [40 CFR 63.11(b)(6)(i)(A)] Which Months: All Year Statistical Basis: None specified
171	[40 CFR 63.11(b)(6)(i)(B)]	Determine the actual exit velocity using the method specified in 40 CFR 63.11(b)(7)(i). Subpart A. [40 CFR 63.11(b)(6)(i)(B)]
172	[40 CFR 63.1103(f)(3)]	Comply with the requirements of 40 CFR 63 Subpart SS. Subpart YY. [40 CFR 63.1103(f)(3)]
173	[40 CFR 63.1105(c)]	Ensure that the control device is operating whenever HAP emissions are vented. Subpart YY. [40 CFR 63.1105(c)]
174	[40 CFR 63.983(a)(1)]	Closed-vent systems: Ensure that each closed-vent system is designed and operated to collect the regulated material vapors from the emission point, and to route the collected vapors to a control device. Subpart SS. [40 CFR 63.983(a)(1)]
175	[40 CFR 63.983(a)(2)]	Closed-vent systems: Operate at all times when emissions are vented to, or collected by, them. Subpart SS. [40 CFR 63.983(a)(2)]

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176	[40 CFR 63.983(b)(1)(i)(A)]	Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
177	[40 CFR 63.983(b)(1)(i)(B)]	Closed-vent systems (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. Subpart SS. [40 CFR 63.983(b)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified
178	[40 CFR 63.983(b)(1)(ii)]	Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(ii)] Which Months: All Year Statistical Basis: None specified
179	[40 CFR 63.983(b)(2)(i)]	Closed-vent systems (unsafe-to-monitor): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.983(b)(1). Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(i)]
180	[40 CFR 63.983(b)(2)(ii)]	Closed-vent systems (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times, at least once annually. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(ii)] Which Months: All Year Statistical Basis: None specified
181	[40 CFR 63.983(b)(3)(i)]	Closed-vent systems (difficult-to-monitor): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(i)]
182	[40 CFR 63.983(b)(3)(ii)]	Closed-vent systems (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment at least once every 5 years. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
183	[40 CFR 63.983(d)(1)]	Closed-vent systems (hard piping): Eliminate leak, or monitor according to the procedures in 40 CFR 63.983(c), if there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by 40 CFR 63.983(b)(1)(i)(B). Subpart SS. [40 CFR 63.983(d)(1)]
184	[40 CFR 63.983(d)(2)]	Closed-vent systems: Repair leaks as soon as practical, except as provided in 40 CFR 63.983(d)(3). Make a first attempt at repair no later than 5 days after the leak is detected, and complete repairs no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later. Subpart SS. [40 CFR 63.983(d)(2)]
185	[40 CFR 63.983(d)(3)]	Closed-vent systems (delay of repair allowed): Repair equipment as soon as practical, but not later than the end of the next closed-vent system shutdown. Subpart SS. [40 CFR 63.983(d)(3)]
186	[40 CFR 63.987(a)]	Meet the performance requirements in 40 CFR 63.11(b). Subpart SS. [40 CFR 63.987(a)]
187	[40 CFR 63.987(b)]	Conduct an initial flare compliance assessment that meets the requirements specified in 40 CFR 63.987(b)(3)(i) through (b)(3)(iv). On July 31, 2008, the Department approved the compliance assessment results for the unit. Subpart SS. [40 CFR 63.987(b)]

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188	[40 CFR 63.987(c)]	Presence of a flame monitored by the regulation's specified method(s) continuously. Use a device (including but not limited to a thermocouple, ultra-violet beam sensor, or infrared sensor) capable of continuously detecting that at least one pilot flame or the flare flame is present. Subpart SS. [40 CFR 63.987(c)] Which Months: All Year Statistical Basis: None specified
189	[40 CFR 63.998]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.998(a) through (d), as applicable. Subpart SS.
190	[40 CFR 63.999(a)(1)(i)]	Notify DEQ of the intention to conduct a performance test or flare compliance assessment: Due at least 30 days before such a compliance demonstration is scheduled to allow DEQ the opportunity to have an observer present. Notify DEQ as soon as possible of any delay in the original demonstration date, if after 30 days notice for such an initially scheduled compliance demonstration, there is a delay (due to operational problems, etc.) in conducting the scheduled compliance demonstration. Provide at least 7 days prior notice of the rescheduled date of the compliance demonstration, or arrange a rescheduled date with DEQ by mutual agreement. Subpart SS. [40 CFR 63.999(a)(1)(i)]
191	[40 CFR 63.999(a)(1)(ii)]	Submit performance test and flare compliance assessment reports, if not submitted as part of a Notification of Compliance Status report, to DEQ within 60 days of completing the test or determination, unless specified differently. Include the information specified in 40 CFR 63.999(a)(2)(i) through (a)(2)(iii). Subpart SS. [40 CFR 63.999(a)(1)(ii)]
192	[40 CFR 63.999(a)(1)(iii)]	Submit application for a waiver of an initial performance test or flare compliance assessment, as allowed by 40 CFR 63.997(b)(2), no later than 90 days before the performance test or compliance assessment is required. Include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the test. Subpart SS. [40 CFR 63.999(a)(1)(iii)]
193	[40 CFR 63.999(a)(1)(iv)]	Submit application to substitute a prior performance test or compliance assessment for an initial performance test or compliance assessment, as allowed by 40 CFR63.997(b)(1), no later than 90 days before the performance test or compliance test is required. Include information demonstrating that the prior performance test or compliance assessment was conducted using the same methods specified in 40 CFR 63.997(e) or 40 CFR 63.987(b)(3), as applicable. Also include information demonstrating that no process changes have been made since the test, or that the results of the performance test or compliance assessment reliably demonstrate compliance despite process changes. Subpart SS. [40 CFR 63.999(a)(1)(iv)]
194	[40 CFR 63.999(b)]	Submit Notification of Compliance Status: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(b)(1) through (b)(5), as applicable. Subpart SS. [40 CFR 63.999(b)]
195	[40 CFR 63.999(c)]	Submit Periodic Report: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(c)(1) through (c)(7). Subpart SS. [40 CFR 63.999(c)]
196	[40 CFR 63.999(d)(1)]	Submit request for approval to use alternatives to continuous operating parameter monitoring and recordkeeping provisions, as provided for in 40 CFR 63.996(d)(1), as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(1)(i) and (d)(1)(ii). Subpart SS. [40 CFR 63.999(d)(1)]
197	[40 CFR 63.999(d)(2)]	Submit request for approval to monitor a different parameter than those established in 40 CFR 63.996(c)(6) or to set unique monitoring parameters, as provided for in 40 CFR 63.996(d)(2), as specified as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(2)(i) through (d)(2)(iii). Subpart SS. [40 CFR 63.999(d)(2)]
198	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified

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199	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
200	[LAC 33:III.1503.C]	Sulfur dioxide <= 2000 ppmv on a wet basis and at standard conditions. Which Months: All Year Statistical Basis: Three-hour average
201	[LAC 33:III.1503.D.1]	In order to demonstrate compliance with the sulfur dioxide emission limitations of LAC 33:III.Chapter 15, institute the mass balance system required by PSD-LA-587(M-2) and specified under the Facility-Wide Process Emissions CAP in GRP 01. Use these methods for initial compliance determinations and for additional compliance determinations as requested by the Department.
202	[LAC 33:III.1509]	Control process gas streams by flaring or combustion.
203	[LAC 33:III.1513]	Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
204	[LAC 33:III.1513]	Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39.
205	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
206	[LAC 33:III.501.C.6]	Flare Temperature > 400 F. Noncompliance with this limitation is a reportable violation of this permit. Notify the Office of Environmental Compliance, Enforcement Division if the flare pilot flame temperature is below 400 degrees F when emissions may be vented to the flare.
207	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
208	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with NESHAP YY is determined to be MACT).

EQT 0034 70 - Unit 4 Pellet Dryer Purge Gas Filter

209	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
210	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
211	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
212	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No controls were determined as MACT).

EQT 0035 71A - No. 1 Bulk Storage Tank Bin Vent Bag Filter

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EQT 0035 71A - No. 1 Bulk Storage Tank Bin Vent Bag Filter

213	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0036 71B - No. 2 Bulk Storage Tank Bin Vent Bag Filter

214	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0037 72 - Center Whse. Vacuum Sys. Bag Filter

215	[40 CFR 64.3(b)(3)]	Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
216	[40 CFR 64.6(c)(1)]	Opacity (surrogate for Particulate matter (10 microns or less)) monitored by visual inspection/determination daily using EPA Reference Method 9 or 22. Ensure compliance with the opacity and particulate emission limits of this permit by performing visual inspections on a daily basis. If visual emissions are detected above ten (10) percent opacity, then, as expeditiously as practicable, conduct a six-minute opacity reading in accordance with EPA Reference Methods 9 or 22. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified
217	[40 CFR 64.6(c)(2)]	An excursion or exceedance is defined as an exhaust opacity greater than 20%. [40 CFR 64.6(c)(2)]
218	[40 CFR 64.6(c)(2)]	Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
219	[40 CFR 64.6(c)(4)]	Opacity (surrogate for Particulate matter (10 microns or less)) recordkeeping by electronic or hard copy daily. Maintain records of visual emission checks. These records shall include the emission point ID, date visual check was performed, a record if visible emissions were detected, and a record of Method 9 or 22 testing conducted and the result of the test. Maintain these records for a period of at least five years. [40 CFR 64.6(c)(4)]
220	[40 CFR 64.7(a)]	Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
221	[40 CFR 64.7(b)]	Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
222	[40 CFR 64.7(c)]	Conduct all monitoring required under 40 CFR 64 daily at all times that the pollutant-specific emissions unit is operating, 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). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

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EQT 0037 72 - Center Whse. Vacuum Sys. Bag Filter

223	[40 CFR 64.7(d)(1)]	Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
224	[40 CFR 64.7(e)]	Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the opacity standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
225	[40 CFR 64.9(a)]	Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
226	[40 CFR 64.9(b)(1)]	Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
227	[40 CFR 64.9(b)(1)]	Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
228	[40 CFR 64.9(b)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
229	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0038 73 - Unit 3 Pellet Dryers (Combined Stack)

230	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified
231	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
232	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified

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EQT 0038 73 - Unit 3 Pellet Dryers (Combined Stack)

233	[LAC 33:III.1503.C]	Sulfur dioxide <= 2000 ppmv on a wet basis and at standard conditions. Which Months: All Year Statistical Basis: Three-hour average
234	[LAC 33:III.1503.D.1]	In order to demonstrate compliance with the sulfur dioxide emission limitations of LAC 33:III.Chapter 15, institute the mass balance system required by PSD-LA-587(M-2) and specified under the Facility-Wide Process Emissions CAP in GRP 01. Use these methods for initial compliance determinations and for additional compliance determinations as requested by the Department.
235	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
236	[LAC 33:III.1513]	Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39.
237	[LAC 33:III.1513]	Submit report: Due annually, by the 31st of March, in accordance with LAC 33:III.918. Report data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15.
238	[LAC 33:III.5107.A.2]	Include emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3 in the Annual Emissions Report unless exempted under LAC 33:III.5105.B.
239	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additional controls is determined to be MACT).

EQT 0039 89 - Gasoline Storage Tank C

240	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
241	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. Annual recordkeeping of the vapor pressure as reported by the supplier on a MSDS sheet or other document is an approved method of compliance with this requirement.
242	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0040 95 - South Warehouse Vacuum System

243	[40 CFR 64.3(b)(3)]	Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]
244	[40 CFR 64.6(c)(1)]	Opacity (surrogate for Particulate matter (10 microns or less)) monitored by visual inspection/determination daily using EPA Reference Method 9 or 22. Ensure compliance with the opacity and particulate emission limits of this permit by performing visual inspections on a daily basis. If visual emissions are detected above ten (10) percent opacity, then, as expeditiously as practicable, conduct a six-minute opacity reading in accordance with EPA Reference Methods 9 or 22. [40 CFR 64.6(c)(1)] Which Months: All Year Statistical Basis: None specified
245	[40 CFR 64.6(c)(2)]	Submit Notification: Submit to DEQ within 5 working days upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]
246	[40 CFR 64.6(c)(2)]	An excursion or exceedance is defined as an exhaust opacity greater than 20% except for more than one six-minute period in any 60 consecutive minutes. [40 CFR 64.6(c)(2)]

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EQT 0040 95 - South Warehouse Vacuum System

247	[40 CFR 64.6(c)(4)]	Opacity (surrogate for Particulate matter (10 microns or less)) recordkeeping by electronic or hard copy at the approved frequency. Maintain records of visual emission checks. These records shall include the emission point ID, date visual check was performed, a record if visible emissions were detected, and a record of Method 9 or 22 testing conducted and the result of the test. Maintain these records for a period of at least five years. [40 CFR 64.6(c)(4)]
248	[40 CFR 64.7(a)]	Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]
249	[40 CFR 64.7(b)]	Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]
250	[40 CFR 64.7(c)]	Conduct all monitoring required under 40 CFR 64 daily at all times that the pollutant-specific emissions unit is operating, 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). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]
251	[40 CFR 64.7(d)(1)]	Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]
252	[40 CFR 64.7(e)]	Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the opacity standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]
253	[40 CFR 64.9(a)]	Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]
254	[40 CFR 64.9(b)(1)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]
255	[40 CFR 64.9(b)(1)]	Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]
256	[40 CFR 64.9(b)(1)]	Monitoring data recordkeeping by electronic or hard copy at the approved frequency. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

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EQT 0040 95 - South Warehouse Vacuum System

257	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

FUG 0001 65 - Plantwide Fugitives

258	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7 where applicable.
259	[LAC 33:III.5109.A]	Process Gas System: Equipment/operational data monitored by visual inspection/determination daily for leaks. Control emissions as described in the approved air toxics compliance plan. Which Months: All Year Statistical Basis: None specified

GRP 0001 CAP - Facility-wide Process Emissions CAP

Group Members: EQT 0004 EQT 0005 EQT 0007 EQT 0014 EQT 0030 EQT 0031 EQT 0032 EQT 0033 EQT 0034 EQT 0038 FUG 0001

260	[LAC 33:III.509]	Rubber Grade Feedstock Sulfur <= 4.0 % by weight. [From PSD-LA-587 (M-2)]. Which Months: All Year Statistical Basis: Annual average
261	[LAC 33:III.509]	Sulfur dioxide : Submit report: Due annually, by the 15th of February. A report showing the calculate sulfur dioxide emissions shall be submitted to the Office of Environmental Compliance, Enforcement Division. [From PSD-LA-587 (M-2)].
262	[LAC 33:III.509]	Install and maintain the fabric bag filters, Emission Points 32-95, 66-93, and 69, so that the particulate removal efficiencies of 99.9% are maintained. Filter vents shall be inspected for visible emissions daily when operating. The filter elements (bags) shall be changed as necessary. Records of visual checks and maintenance inspections of the bag filters shall be kept onsite and available for inspection by the Office of environmental Compliance, Surveillance Division. [From PSD-LA-587 (M-2)].
263	[LAC 33:III.509]	Sulfur: Records of the sulfur content of the feedstock oil shall be kept onsite and made available for inspection by the Department. [From PSD-LA-587 (M-2)].
264	[LAC 33:III.509]	Flares shall be used as Maximum Achievable Control Technology (MACT) for toxic air pollutant emissions of process unit tail gas except for uncombusted tailgas that is used as a fuel in the dryers and oil heaters. Process units shall not produce product if their dedicated flare is inoperable. Ensure destruction of emissions to the flares, Emission Points 1-96, 7-96, and 67, by installing, maintaining, and operating according to the manufacturer's specifications, a heat sensing device to detect the continuous presence of the flare pilot flame. Alternate devices may be used with the prior approval of the Office of Environmental Assessment, Environmental Technology Division. [From PSD-LA-587 (M-2)].

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GRP 0001 CAP - Facility-wide Process Emissions CAP

265	[LAC 33:III.509]	Ensure compliance with the emission limits contained in this permit by instituting a system using a mass balance to calculate the SO2 emissions. The following variables shall be recorded each week: a. The sulfur content of the feedstock oil to each unit; b. The sulfur content of the carbon black product from each unit; c. The amount of feedstock oil processed in each unit; d. The amount of carbon black produced in each unit; e. The amount of sulfur entering each unit (feedstock oil sulfur content times amount processed); f. The amount of sulfur entrained in the carbon black product from each unit (carbon black product sulfur content times amount produced); and g. The amount of SO2 emitted from the combustion stack (twice the difference between the amount of sulfur entering all units and the amount of sulfur entrained in the carbon black product from all units). [From PSD-LA-587 (M-2)].
266	[LAC 33:III.509]	Sulfur: Exceedance of the sulfur content limit of feedstock to the reactors when making each grade shall be a violation of this permit and and must be reported to the Office of Environmental Compliance, Enforcement Division. [From PSD-LA-587 (M-2)].
267	[LAC 33:III.509]	Sulfur dioxide recordkeeping by electronic or hard copy monthly and for the preceding twelve months. These records shall be kept onsite and made available for inspection by the Department. [From PSD-LA-587 (M-2)].

CRG 0001 Filters - Filter Requirements

Group Members: EQT 0006 EQT 0009 EQT 0010 EQT 0012 EQT 0013 EQT 0015 EQT 0016 EQT 0017 EQT 0030 EQT 0032 EQT 0034 EQT 0035 EQT 0036 EQT 0037

268	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99.9 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified
269	[LAC 33:III.507.H.1.a]	Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
270	[LAC 33:III.507.H.1.a]	Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
271	[LAC 33:III.507.H.1.a]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
272	[LAC 33:III.507.H.1.a]	Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified

CRG 0002 CDs - Combustion Devices

Group Members: EQT 0004 EQT 0011 EQT 0022 EQT 0031 EQT 0033

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CRG 0002 CDs - Combustion Devices

273	[LAC 33:III.509]	Design and proper operation shall be considered Best Acheivable Control Technology (BACT) for NOx emissions.

UNF 0001 Ville Platte Plant - Facility-Wide Requirements

274	[40 CFR 61.145(b)(1)]	Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]
275	[40 CFR 61.148]	Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
276	[40 CFR 61.]	All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
277	[40 CFR 63.1108(a)(1)]	Comply with the emission limitations and established parameter ranges at all times except during periods of startup, shutdown, malfunction, or non-operation of the affected source (or specific portion thereof) resulting in cessation of the emissions to which 40 CFR 63 Subpart YY applies. Subpart YY. [40 CFR 63.1108(a)(1)]
278	[40 CFR 63.1108(a)(1)]	Follow the applicable provisions of the startup, shutdown, malfunction plan required by 40 CFR 63.1111 during periods of startup, shutdown, or malfunction. However, if a startup, shutdown, malfunction or period of non-operation of one portion of an affected source does not affect the ability of a particular emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions of 40 CFR 63 Subpart YY and any of the subparts that are referenced by 40 CFR 63 Subpart YY during startup, shutdown, malfunction, or period of non-operation. Subpart YY. [40 CFR 63.1108(a)(1)]
279	[40 CFR 63.1108(a)(2)]	Comply with the equipment leak requirements at all times except during periods of startup, shutdown, malfunction, process unit shutdown, or non-operation of the affected source (or specific portion thereof) in which the lines are drained and depressurized resulting in cessation of the emissions to which equipment leak requirements apply. Subpart YY. [40 CFR 63.1108(a)(2)]
280	[40 CFR 63.1108(a)(5)]	Implement, to the extent reasonably available, measures to prevent or minimize excess emissions during startups, shutdowns, and malfunctions. Identify the measures to be taken in the startup, shutdown, and malfunction plan (if applicable). Subpart YY. [40 CFR 63.1108(a)(5)]
281	[40 CFR 63.1108(a)(6)]	Correct malfunctions as soon as practical after their occurrence and/or in accordance with the startup, shutdown, and malfunction plan developed as specified under 40 CFR 63.1111. Subpart YY. [40 CFR 63.1108(a)(6)]
282	[40 CFR 63.1109(a)]	Keep copies of notifications, reports and records required by 40 CFR 63 Subpart YY and subparts referenced by 40 CFR 63 Subpart YY for at least 5 years, unless otherwise specified, except as provided in 40 CFR 63.1109(b). Subpart YY. [40 CFR 63.1109(a)]
283	[40 CFR 63.1109(c)]	Maintain all records required to be maintained by 40 CFR 63 Subpart YY or a subpart referenced by 40 CFR 63 Subpart YY in such a manner that they can be readily accessed and are suitable for inspection. Retain the most recent 2 years of records onsite or make accessible to an inspector while onsite. The records of the remaining 3 years, where required, may be retained offsite. Subpart YY. [40 CFR 63.1109(c)]
284	[40 CFR 63.1109(d)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records containing information developed and used to assess control applicability under 40 CFR 63.1103 (e.g., combined total annual emissions of regulated organic HAP). Subpart YY. [40 CFR 63.1109(d)]
285	[40 CFR 63.1110(b)]	Submit Notification of Initial Startup: Due within 15 days after initial startup. Send DEQ written notification of the actual date of initial startup. Include the information specified in 40 CFR 63.1110(f). Subpart YY. [40 CFR 63.1110(b)]

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286	[40 CFR 63.1110(c)]	Submit Initial Notification: Due within 1 year after the source becomes subject to 40 CFR 63 Subpart YY. Include the information specified in 40 CFR 63.1110(c)(2) through (c)(7), as applicable, and 63.1110(f). Subpart YY. [40 CFR 63.1110(c)]
287	[40 CFR 63.1110(d)]	Submit Notification of Compliance Status: Due 240 days after the compliance date, or 60 days after completion of the initial performance test or initial compliance assessment, whichever is earlier. Include the information specified in 40 CFR 63.1110(d)(1)(i), (d)(1)(ii), and (f). Subpart YY. [40 CFR 63.1110(d)]
288	[40 CFR 63.1110(e)]	Submit Periodic Reports: Due no later than 60 days after the end of each 6-month period. The first report shall cover the 6-month period after the Notification of Compliance Status report is due. Submit the first report no later than the last day of the month that includes the date 8 months (6 months and 60 days) after the Notification of Compliance Status report is due. Include all information specified in 40 CFR 63 Subpart YY and subparts referenced by 40 CFR 63 Subpart YY. Subpart YY. [40 CFR 63.1110(e)]
289	[40 CFR 63.1111(a)(1)]	Develop and implement a written startup, shutdown, and malfunction plan that describes, in detail, procedures for operating and maintaining the affected source during periods of startup, shutdown, and malfunction. Include a program of corrective action for malfunctioning process and air pollution control equipment used to comply with relevant standards under 40 CFR 63 Subpart YY. Address in the plan routine or otherwise predictable CPMS malfunctions. Develop this plan by the compliance date. Subpart YY. [40 CFR 63.1111(a)(1)]
290	[40 CFR 63.1111(a)(2)]	Operate and maintain the affected source (including associated air pollution control equipment and CPMS) in accordance with the procedures specified in the startup, shutdown, and malfunction plan developed under 40 CFR 63.1111(a)(1) during periods of startup, shutdown, and malfunction. Subpart YY. [40 CFR 63.1111(a)(2)]
291	[40 CFR 63.1111(a)(5)]	Revise the startup, shutdown, and malfunction plan within 45 days after an event to include detailed procedures for operating and maintaining the affected source during similar malfunction events and a program of corrective action for similar malfunctions of process or air pollution control equipment or CPMS, if the startup, shutdown, and malfunction plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction but was not included in the startup, shutdown, and malfunction plan at the time the plan was developed. Subpart YY. [40 CFR 63.1111(a)(5)]
292	[40 CFR 63.1111(b)(1)]	If actions during a startup, shutdown, and malfunction of an affected source, or of a control device or monitoring system required for compliance (including actions taken to correct a malfunction) are consistent with the procedures specified in the plan, state such information in a startup, shutdown, and malfunction report. Submit the startup, shutdown, and malfunction report by the 30th day following the end of each calendar half (or other calendar reporting period, as appropriate), unless the information is submitted with the Periodic Report. Include the information specified in 40 CFR 63.1111(b)(1)(i) through (b)(1)(iv). Subpart YY. [40 CFR 63.1111(b)(1)]
293	[40 CFR 63.1111(b)(2)]	Any time an action taken during a startup, shutdown, or malfunction (including actions taken to correct a malfunction) during which excess emissions occur is not consistent with the procedures specified in the affected source's plan, report the actions taken for that event within 2 working days after commencing actions inconsistent with the plan, followed by a letter delivered or postmarked within 7 working days after the end of the event. Include in the immediate report the name, title, and signature of the owner or operator or other responsible official who is certifying its accuracy, explaining the circumstances of the event, the reasons for not following the startup, shutdown, and malfunction plan, and whether any excess emissions and/or parameter monitoring exceedances are believed to have occurred. Subpart YY. [40 CFR 63.1111(b)(2)]
294	[40 CFR 63.]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 8 of 40 CFR 63 Subpart YY.
295	[40 CFR 70.5(a)(1)(iii)]	Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

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296	[40 CFR 70.6(a)(3)(iii)(A)]	Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
297	[40 CFR 70.6(a)(3)(iii)(B)]	Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
298	[40 CFR 70.6(c)(5)(iv)]	Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
299	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
300	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
301	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
302	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
303	[LAC 33:III.501.C.6]	Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit.
304	[LAC 33:III.501.C.6]	Carbon Black Production rate <= 240,000 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total carbon black production rate exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
305	[LAC 33:III.501.C.6]	Sulfur dioxide <= 24550 tons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if sulfur dioxide emissions exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum

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306	[LAC 33:III.501.C.6]	Process feedstock with a sulfur content of 4.0% (annual average) or less by weight. Exceedance of the sulfur content limit of feedstock to the reactors shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. Records of the sulfur content of the feedstock oil shall be kept on-site and available for inspection by the Department. The sulfur content of the feedstock is BACT for SO2 emissions.
307	[LAC 33:III.507.H.1.a]	Submit report: Due annually, by the 31st of March. Report the total feedstock sulfur to the plant for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
308	[LAC 33:III.507.H.1.a]	Sulfur monitored by technically sound method monthly. Analyze the monthly sulfur content by taking weekly grab samples of the carbon black oil feed blend. Which Months: All Year Statistical Basis: None specified
309	[LAC 33:III.507.H.1.a]	Feed rate monitored by technically sound method continuously. Monitor the carbon black oil feed rate. Which Months: All Year Statistical Basis: None specified
310	[LAC 33:III.507.H.1.a]	Sulfur dioxide recordkeeping by electronic or hard copy monthly. Also keep records of the following each month: a) the weight percent of sulfur in feedstock oil to all reactors, b) the total pounds of feedstock oil processed in the reactors, c) the total pounds of sulfur entering all reactors (feedstock oil sulfur content times amount processed), and d) the amount of SO2 emitted from the process (80 percent of the sulfur feed times 2). The total SO2 emissions shall be recorded each month and for the preceding twelve months. Make records available for inspection by DEQ personnel.
311	[LAC 33:III.507.H.1.a]	Sulfur dioxide monitored by material balance monthly. Monitor the facility-wide SO2 emissions each month. Which Months: All Year Statistical Basis: None specified
312	[LAC 33:III.507.H.1.a]	Carbon Black Production rate monitored by technically sound method continuously. Which Months: All Year Statistical Basis: Twelve-consecutive-month maximum
313	[LAC 33:III.507.H.1.a]	Submit a summary of the analyses of the sulfur content of the carbon black oil feed blend with the annual report required under LAC 33:III.918.
314	[LAC 33:III.507.H.1.a]	Feed rate recordkeeping by electronic or hard copy continuously. Record the carbon black oil feed rate.
315	[LAC 33:III.507.H.1.a]	Sulfur recordkeeping by electronic or hard copy monthly. Make records available for inspection by DEQ personnel.
316	[LAC 33:III.507.H.1.a]	Sulfur Submit report: Due annually, by the 31st of March. Report the annual sulfur loading to each unit for the preceding calendar year.
317	[LAC 33:III.507.H.1.a]	Submit report: Due annually, by the 31st of March. Report the total sulfur dioxide emissions and monthly average sulfur content of the feedstock for the preceding twelve months to the Office of Environmental Compliance, Enforcement Division.
318	[LAC 33:III.507.H.1.a]	Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence. Maintain a record of flare outages.
319	[LAC 33:III.507.H.1.a]	In the event that a flare becomes inoperable, cease carbon black oil feed to the affected carbon black reactor unit immediately.
320	[LAC 33:III.507.H.1.a]	Report flare outages to the Office of Environmental Compliance, Enforcement Division with the annual report required under LAC 33:III.918.
321	[LAC 33:III.507.H.1.a]	Carbon Black Production rate recordkeeping by electronic or hard copy monthly. Keep records of the total carbon black production each month, as well as the total carbon black production for the last twelve months. Make records available for inspection by DEQ personnel.

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322	[LAC 33:III.507.H.1.a]	Submit report: Due annually, by the 31st of March. Report the total carbon black production for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
323	[LAC 33:III.509]	Comply with the requirements of PSD-LA-587(M-2). This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-587(M-2).
324	[LAC 33:III.5105.A.1]	Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
325	[LAC 33:III.5105.A.2]	Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
326	[LAC 33:III.5105.A.3]	Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
327	[LAC 33:III.5105.A.4]	Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
328	[LAC 33:III.5107.A.2]	Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
329	[LAC 33:III.5107.A]	Submit Annual Emissions Report (TEDI): Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
330	[LAC 33:III.5107.B.1]	Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
331	[LAC 33:III.5107.B.2]	Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923.
332	[LAC 33:III.5107.B.3]	Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931. Submit notification in the manner provided in LAC 33:I.3923.
333	[LAC 33:III.5107.B.4]	Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
334	[LAC 33:III.5107.B.5]	Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.

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SPECIFIC REQUIREMENTS

AI ID: 1291 - Cabot Corp - Ville Platte Plant
Activity Number: PER20040002
Permit Number: 0920-00001-V1
Air - Title V Regular Permit Renewal

UNF 0001 Ville Platte Plant - Facility-Wide Requirements

335	[LAC 33:III.5113.A.1]	Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
336	[LAC 33:III.5113.A.2]	Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.
337	[LAC 33:III.5151.F.1.f]	An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
338	[LAC 33:III.5609.A.1.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
339	[LAC 33:III.5609.A.2.b]	Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
340	[LAC 33:III.5609.A.3.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
341	[LAC 33:III.5609.A]	Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
342	[LAC 33:III.919.D]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.