DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No.:

Agency Interest No.: 1224
Activity No.: PER20060002

Mr. Jerry D. Arnold
Vice President, Refining
Calumet Lubricants Company
10234 Highway 157
Princeton, LA 71067-9172

RE: Operating permit renewal/modification, Calumet Princeton Refinery, Calumet Lubricants, Company L.P., Princeton, Bossier Parish, Louisiana

Dear Mr. Arnold:

This is to inform you that the permit renewal/modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

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 _____, 2012, 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.

Done this _____ day of _____, 2007.

Permit No.: 0400-00004-V4

publ. - notice

c. EPA Region 6

ENVIRONMENTAL **SERVICES**
: PO BOX 4313, BATON ROUGE, LA 70621-4313
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AIR PERMIT BRIEFING SHEET
PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CALUMET PRINCETON REFINERY
AGENCY INTEREST NO.: 1224
CALUMET LUBRICANTS COMPANY, L.P.
PRINCETON, BOSSIER PARISH, LOUISIANA

I. BACKGROUND

Calumet Lubricants owns and operates Calumet Princeton Refinery. It was initially permitted under Permit No. 1250, issued September 25, 1979. The company presently operates under Air Permit No. 0400-00004-V3 dated September 19, 2005.

II. ORIGIN

A permit application and Emission Inventory Questionnaire was submitted by Calumet Lubricants on June 19, 2006, as well as additional information dated April 27, 2007 and July 18, 2007 requesting a Part 70 operating permit renewal/modification.

III. DESCRIPTION

Calumet Princeton Refinery distills crude oil to produce asphalt, lube oils and diesel. After desalting, light and heavy gas oil are separated by distillation in the temperature range of 150 to 750°F. Vacuum distillation is employed to separate heavier crudes into fractions. Lube stocks are sent to the Hydrocal unit for further treatment and refining.

Calumet Lubricants Co., L.P. Calumet Princeton Refinery (Princeton) is requesting approval of addition of new emission sources and changes to existing emission sources associated with a new project (White Oil/PDA/H2 Plant Project) for the manufacture of white oil, deasphalted oil, and polymer modified/emulsion modified asphalt blends. The addition of one (1) white oil hydrotreater heater, one (1) hydrogen plant heater and fourteen (14) additional storage tanks are associated with the manufacture of white oil. This is a new product for the Princeton Refinery. The addition of one (1) PDA heater and five (5) additional storage tanks are associated with the manufacture of deasphalted oil. This is a new product for the Princeton Refinery. The addition of twelve (12) tank heaters and twelve (12) additional storage tanks are associated with the manufacture of polymer modified/emulsion modified asphalt blends. These will be new products for the Princeton Refinery. However, with the addition of these new sources, it will not increase the total refinery throughput.

Point Source No. WWT-1 was incorporated into the permit for existing sources. This constitutes reconciliation to the permit for this source.

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The proposed modifications of the facility are as follows:

1. Reconcile Tank Truck Loading (EQT028:Emission Point 96-1) and Railroad Tank Car (EQT029:Emission Point 96-2) to reflect actual unit operations;
2. Incorporate 40 CFR 60 Subpart UU stack test results for Asphalt Heater C (EQT144: Emission Point 05-1);
3. Incorporate Wastewater Fugitive Emissions (FUG002:Emission Point WWT-1) (106.39 tpy);
4. Incorporate PM emissions from the cooling tower;
5. Add one (1) white oil hydrotreater heater rated at 2.7 MM BTU/hr (Emission Point 07-1, twelve (12) tank heaters with total combined heat input of 16.8 MM BTU/hr (Emission Point 07-2), one (1) hydrogen plant heater (Emission Point 07-3), and PDA heater (Emission Point 07-4);
6. Add twenty-nine (29) storage tanks;
7. Increase emissions from tank truck loading (Emission Point 96-1), fugitive emissions (Emission Point 94-3), and wastewater fugitive emissions (Emission Point WWT-1);
8. Add two new Asphalt Tanks (Emission Points EQT277 and EQT278);
9. Add two 30,000 gallons Propane Tanks (Emission Points EQT279 and EQT280);
10. Delete Asphalt Heater A (EQT008:PH-18); and
11. Add ASPHALTCAP to cap emissions based on total production limitations and stack test data.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	24.13	17.83	- 6.30
SO_2	60.42	99.37	+ 38.95
NO_x	173.27	187.74	+ 14.47
CO	196.80	282.38	+ 85.58
VOC	255.15	386.87	+ 131.72*

*Increases of VOC (TAP) emissions from the White Oil/PDA/H2 Plant Project are (73.42 tpy); Emission Point WWT-1 (62.17 tons/yr) never permitted but existed at facility, and other remaining due to sources reconciled in renewal and associated emission changes.

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VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	TPY
Benzene	0.06
Carbon disulfide	0.002
Carbonyl sulfide	0.002
Cumene	0.01
Ethylbenzene	0.05
Hydrogen sulfide	0.002
n-Hexane	0.57
Naphthalene	Neg
Xylene	0.33
Toluene	0.28
Sulfuric acid	0.62
Total	1.93

IV. TYPE OF REVIEW

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NSPS, and NESHAP. Prevention of Significant Deterioration does not apply. The refinery is a minor source of toxic air pollutants.

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PSD Netting Analysis – Volatile Organic Compounds

An initial review of the WO/PDA Project indicated that a significant emissions increase would result from the increased potential to emit. As a result, contemporaneous increases and decreases have been considered in the following analysis. For the netting analysis, the contemporaneous period has been identified as follows:

Contemporaneous Period	
Proposed Start of Operation	03/29/08 (end of contemporaneous period)
Proposed Start of Construction	10/01/07
Five years Prior to Start of Construction	10/02/02 (begin contemporaneous period)

The contemporaneous period for the Calumet Project begins October 2, 2002. The VOC netting analysis shows that the project is not a major modification because the net emissions increase over the project's contemporaneous period is less than the significant net increase for VOC (40 tons/yr). Therefore, the project is not subject to PSD review.

Date	**Project**	**Net Change (tpy VOC)**
03/29/08	WO/PDA/H2 Project	73.42
11/06/2006	6 New Tanks (minor state permit)	0.01
09/30/2006	SRU/TGTU Addition (ATC)	Neg
09/19/2005	Asphalt Oxidizer Project (V3)	0.67
07/31/2003	Clay Plant Project (V2)	0.07
02/22/2003	V1 Title V Mod	2.13
12/28/03	V0 Title V Issuance (Ejector Vents to Flare)*	-69.81
	Net Change of Contemporaneous Period (tpy VOC)	**6.84**
	PSD Significant Emission Rate	**40**
*Date of physical change (i.e., construction and operation of flare)		

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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 XX, 2007, and in the Bossier Press Tribune, Bossier City, on XX, 2007, and submitted to the Parish Library, Bossier Parish Library, on XX, 2007. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on XX, 2007. The draft permit was also submitted to US EPA Region VI on XX, 2007. All comments will be considered prior to permit approval.

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VII. Effects on Ambient Air

Dispersion Model Used: N/A

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
N/A			

VIII. General Condition XVII Activities

ID #:	Description	Max. Operating Rate or Tank Capacity	Emissions in TPY				
			PM_{10}	SO_2	NOx	CO	VOC
1	Sampling	2 times/yr	-	-	-	-	0.20
2	Pump Maintenance	4 times/yr	-	-	-	-	0.08
3	Tank Sludge Removal	4 times/yr	-	-	-	-	0.40
4	Carbon Canister Recharging or Replacement	2 times/yr	-	-	-	-	0.04
5	Tank Gauging	156 times/yr	-	-	-	-	3.98
6	Instrument Maintenance	2 times/yr	-	-	-	-	0.04
7	Vessel and Equipment Preparation	2 times/yr	-	-	-	-	0.40
8	Sump Solids Removal	1 times/yr	-	-	-	-	Neg
9	Purging Off-Spec Materials	2 times/yr	-	-	-	-	0.40
10	Catalyst Recharging	1 times/yr	-	-	-	-	0.10
11	Filter or Strainer Changeouts	52 times/yr	-	-	-	-	0.26
12	Compressor Maintenance	2 times/yr	-	-	-	-	0.30
13	Valve Maintenance	100 times/yr	-	-	-	-	0.50
14	Draining Compressor Bottles	2 times/yr	-	-	-	-	Neg
15	Vacuum Truck Operations	75,000 bbls/yr	-	-	-	-	3.21

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IX. Insignificant Activities

ID No.:	Description	Capacity	Citation
-	Red Dye	<250 gals	LAC 33:III.501.B.5.A.2
-	EC1006A – Corrosion Inhibitor	<250 gals	LAC 33:III.501.B.5.A.2
-	EC1008A – Corrosion Control	<250 gals	LAC 33:III.501.B.5.A.2
-	EC1010A – Solvent	<250 gals	LAC 33:III.501.B.5.A.2
-	EC1017A – Corrosion Inhibitor	<250 gals	LAC 33:III.501.B.5.A.2
-	EC3019A -Solvent	<250 gals	LAC 33:III.501.B.5.A.2
-	Nalco VX4305 Desalting	<250 gals	LAC 33:III.501.B.5.A.2
-	Nalco 94rB120 – Solvent	<250 gals	LAC 33:III.501.B.5.A.2
-	Isonox 103	<250 gals	LAC 33:III.501.B.5.A.2
-	NuKleen SP310 - Detergent	<250 gals	LAC 33:III.501.B.5.A.2
-	Nalco 94rB120 - Solvent	<250 gals	LAC 33:III.501.B.5.A.2
T-50	Rerun No. 2 Storage Tank	2,309 gals	LAC 33:III.501.B.5.A.3
T-60	Hydrocal Storage Tank	2,630 gals	LAC 33:III.501.B.5.A.3
T-90	Lube Additive Tank	3,864 gals	LAC 33:III.501.B.5.A.3
T-91	Lube Oil Blending Tank	3,864 gals	LAC 33:III.501.B.5.A.3
T-92	Lube Oil Blending Tank	3,864 gals	LAC 33:III.501.B.5.A.3
T-93	Lube Oil Blending Tank	3,864 gals	LAC 33:III.501.B.5.A.3
T-94	Lube Oil Blending Tank	3,864 gals	LAC 33:III.501.B.5.A.3
T-95	Lube Oil Blending Tank	3,864 gals	LAC 33:III.501.B.5.A.3
T-113	Lube Oil	4,200 gals	LAC 33:III.501.B.5.A.3
T-131	Hydrochloric Acid	5,600 gals	LAC 33:III.501.B.5.A.3
T-132	Hydrochloric Acid	5,600 gals	LAC 33:III.501.B.5.A.3
T-153	Lube Oil Blending	5,600 gals	LAC 33:III.501.B.5.A.3
T-154	Lube Oil Blending	5,600 gals	LAC 33:III.501.B.5.A.3
T-201	Rerun No. 1	9,212 gals	LAC 33:III.501.B.5.A.3
T-206	Rerun No. 1	9,184 gals	LAC 33:III.501.B.5.A.3
T-208	Lube Oil	9,890 gals	LAC 33:III.501.B.5.A.3

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ID No.:	Description	Capacity	Citation
T-209	Lube Oil Blending	8,566 gals	LAC 33:III.501.B.5.A.3
-	Diesel	250 gals	LAC 33:III.501.B.5.A.3
-	Lube Oil (blending bldg.)	846 gals	LAC 33:III.501.B.5.A.3
-	AFFF (firefighting foam)	<10,000 gals	LAC 33:III.501.B.5.A.3
96-3	Emergency Fire Water Pump	187 hp	LAC 33:III.501.B.5.B.45

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X. Applicable Louisiana and Federal Air Quality Requirements

		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
GRP004	Entire Facility	1		1	1	1											1	1
EQT003	SB-3 - Erie City Boiler No. 3			1	1	1												
EQT004	SB-4 - Boiler No. 4			1	1	1												
EQT005	PH-5 - Atmospheric Tower Reboiler H-1			1	1	1												
EQT006	PH-14 - Hydrocal Heater H-100			1	1	1												
EQT007	PH-15 - FDU3 Heater (Final Distillation Unit No. 3)			1	1	1												
EQT009	PH-19 - Vacuum Tower Heater B-102			1	1	1												
EQT010	PH-20 - Vacuum Tower Heater B-202			1	1	1												
EQT011	PH-21 - Hydrocal Heater H-101			1	1	1												
EQT012	PH-22 - Hydrocal Heater H-102			1	1	1												
EQT013	PH-23 - Hydrocal Heater H-103			1	1	1												
EQT014	PH-24 - Sulfur Plant Incinerator H-301	1		1		1												
EQT015	PH-25 - Hydrocal Unit No. 1 Flare			1		1												
EQT016	PH-26 - Hydrocal Unit No. 2 Ejector Vent													3				
EQT017	PH-27 - Reformer Furnace H-101			1	1	1												
EQT019	93-1 - Crude Heater H-100A			1	1	1												
EQT020	93-2 - Hydrocal H-104 Heater			1	1	1												
EQT021	93-3 - FDU2 Heater (Final Distillation No. 2)			1	1	1												
EQT022	93-4 - Asphalt Heater B			1	1	1												

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ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT023	93-5 - Asphalt Tank Heaters (Combined)			1	1	1												
EQT024	94-1A - ENQUIP Oil/Water Separator								1									
EQT025	94-1B - WEMCO-A Oil/Water Separator								1									
EQT026	94-1C - WEMCO-B Oil/Water Separator								1									
EQT027	94-2 - Cooling Towers																	
EQT028	96-1 - Tank Truck Loading							3										
EQT029	96-2 - Railroad Tank Car Loading							3										
EQT030	96-3 - Emergency Fire Water Pump																	
EQT031	98-1 - Heater			1	1	1												
EQT032	98-2 - Heater			1	1	1												
EQT033	00-1 - Crude Unit E.V. Flare			1		1												
EQT034	T-10003 - Asphalt Storage Tank						3											
EQT035	T-10004 - Hydrocal Storage Tank						3											
EQT036	T-10005 - Hydrocal Storage Tank						3											
EQT037	T-10006 - Diesel Storage Tank																	
EQT038	T-10007 - Refrigeration Oil Tank						3											
EQT039	T-10008 - Hydrocal Storage Tank						3											
EQT040	T-10009 - Transformer Oil Tank						3											
EQT041	T-1001 - Asphalt Storage Tank						3											
EQT042	T-10010 - Hydrocal Storage Tank						3											

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ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT043	T-10011 - Calsol Storage Tank						3											
EQT044	T-10012 - Hydrocal Storage Tank						3											
EQT045	T-10013 - Calsol Storage Tank						3											
EQT046	T-10014 - Calsol Storage Tank						3											
EQT047	T-10015 - Tech Grade Oil Tank						3											
EQT048	T-10016 - Diesel Storage Tank						3											
EQT049	T-10017 - Calsol Storage Tank						3											
EQT050	T-10018 - Calsol Storage Tank						3											
EQT051	T-10019 - Distillates Storage Tank						3											
EQT052	T-1002 - Asphalt Storage Tank						3											
EQT053	T-10020 - Distillates Storage Tank						3											
EQT054	T-10022 - Distillates Storage Tank						3											
EQT055	T-10024 - Feed Stock Storage Tank						3											
EQT056	T-10025 - Feed Stock Storage Tank						3											
EQT057	T-10026 - Feed Stock Storage Tank						3											
EQT058	T-10027 - Blend Tank						3											
EQT059	T-1003 - Tech Grade Oil Tank						3											
EQT060	T-1004 - Tech Grade Oil Tank						3											
EQT061	T-1005 - Tech Grade Oil Tank						3											
EQT062	T-1006 - Tech Grade Oil Tank						3											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT063	T-1007 - Asphalt Storage Tank						3											
EQT064	T-1008 - Transformer Oil Tank						3											
EQT065	T-1009 - Hydrocal Storage Tank						3											
EQT066	T-1011 - Blend Tank						3											
EQT067	T-1070 - Rerun No. 2 Storage Tank						3											
EQT068	T-1071 - Rerun No. 3 Storage Tank						3											
EQT069	T-12001 - Distillates Storage Tank						3											
EQT070	T-1501 - Diesel Storage Tank						3											
EQT071	T-1502 - Diesel Storage Tank						3											
EQT072	T-1503 - Diesel Storage Tank						3											
EQT073	T-1504 - Diesel Storage Tank						3											
EQT074	T-1505 - Blend Tank						3											
EQT075	T-1506 - Blend Tank						3											
EQT076	T-1919 - Hydrocal Storage Tank						3											
EQT077	T-20001 - Distillates Storage Tank						3											
EQT078	T-20002 - Distillates Storage Tank						3											
EQT079	T-20003 - Distillates Storage Tank						3											
EQT080	T-20004 - Distillates Storage Tank						3											
EQT081	T-20005 - Distillates Storage Tank						3											
EQT082	T-20006 - Distillates Storage Tank						3											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT083	T-2016 - Asphalt Storage Tank						3											
EQT084	T-2017 - Asphalt Storage Tank						3											
EQT085	T-2018 - Asphalt Storage Tank						3											
EQT086	T-202 - Rerun No. 1 Storage Tank						3											
EQT087	T-2022 - Hydrocal Storage Tank						3											
EQT088	T-2023 - Fuel Storage Tank						3											
EQT089	T-2024 - Hydrocal Storage Tank						3											
EQT090	T-2025 - Hydrocal Storage Tank																	
EQT091	T-2026 - Fuel Storage Tank						3											
EQT092	T-2027 - Calsol Storage Tank																	
EQT093	T-2028 - Lube Oil Storage Tank						3											
EQT094	T-2029 - Lube Oil Storage Tank						3											
EQT095	T-2030 - Lube Oil Storage Tank						3											
EQT096	T-2031 - Calsol Storage Tank						3											
EQT097	T-2032 - Calsol Storage Tank						3											
EQT098	T-2033 - Calsol Storage Tank						3											
EQT099	T-2034 - Hydrocal Storage Tank						3											
EQT100	T-2041 - Calsol Storage Tank						3											
EQT101	T-2042 - Calsol Storage Tank						3											
EQT102	T-205 - Rerun No. 1 Storage Tank						3											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT103	T-241 - Wild Naphtha Storage Tank						3											
EQT104	T-250 - Rerun No. 2 Storage Tank						3											
EQT105	T-2501 - Hydrocal Storage Tank						3											
EQT106	T-2502 - Hydrocal Storage Tank						3											
EQT107	T-2503 - Hydrocal Storage Tank						3											
EQT108	T-2504 - Calsol Storage Tank						3											
EQT109	T-260 - Naphthal Storage Tank						3											
EQT110	T-270 - Diesel Storage Tank						3											
EQT111	T-28001 - Asphalt Storage Tank						3											
EQT112	T-3000 - Hydrocal Storage Tank						3											
EQT113	T-3001 - Hydrocal Storage Tank						3											
EQT114	T-301 - Misc.Lubes Storage Tank						3											
EQT115	T-302 - Misc. Lubes Storage Tank						3											
EQT116	T-303 - Lube Oil Blending Tank						3											
EQT117	T-304 - Lube Oil Blending Tank						3											
EQT118	T-305 - Lube Oil Blending Tank						3											
EQT119	T-306 - Lube Oil Blending Tank						3											
EQT120	T-307 - Lube Oil Storage Tank						3											
EQT121	T-308B - Lube Oil Storage Tank						3											
EQT122	T-309 - Lube Oil Storage Tank						3											

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X. Applicable Louisiana and Federal Air Quality Requirements

		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT123	T-310 - Lube Oil Storage Tank						3											
EQT124	T-311 - Lube Oil Storage Tank						3											
EQT127	H-100R - Hydrocal Heater			1	1	1												
EQT139	03-1 - A-Clay Silo Dust Collector	1			1													
EQT140	03-2 - Reactor Tank Dust Collector Cap																	
EQT141	03-2A - Reactor Tank Dust Collector 1	1			1													
EQT142	03-2B - Reactor Tank Dust Collector 2	1			1													
EQT143	03-3 - Reactor Tanks Scrubber	1			1													
EQT144	05-1 - Asphalt Heater C			1	1	1												
EQT145	PH-13 - Crude Heater H-100B			1	1	1												
EQT146	T-2505 - Storage Tank T-2505						3											
EQT147	T-261 - Storage Tank T-261						3											
EQT148	T-312 - Storage Tank T-312						3											
EQT149	T-313 - Storage Tank T-313						3											
EQT150	T-314 - Storage Tank T-314						3											
EQT151	T-315 - Storage Tank T-315						3											
EQT152	T-316 - Storage Tank T-316						3											
EQT153	T-317 - Storage Tank T-317						3											
EQT154	T-318 - Storage Tank T-318						3											
EQT155	T-360 - Storage Tank T-360						3											

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X. Applicable Louisiana and Federal Air Quality Requirements

		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT156	T-361 - Storage Tank T-361						3											
EQT157	T-362 - Storage Tank T-362						3											
EQT158	T-363 - Storage Tank T-363						3											
EQT159	T-375 - Storage Tank T-375						3											
EQT160	T-376 - Storage Tank T-376						3											
EQT161	T-40001 - Storage Tank T-40001						3											
EQT162	T-40002 - Storage Tank T-40002						3											
EQT163	T-401 - Storage Tank T-401						3											
EQT164	T-402 - Storage Tank T-402						3											
EQT165	T-403 - Storage Tank T-403						3											
EQT166	T-404 - Storage Tank T-404						3											
EQT167	T-405 - Storage Tank T-405						3											
EQT168	T-406 - Storage Tank T-406						3											
EQT169	T-407 - Storage Tank T-407						3											
EQT170	T-408 - Storage Tank T-408						3											
EQT171	T-409 - Storage Tank T-409																	
EQT172	T-410 - Storage Tank T-410																	
EQT173	T-411 - Storage Tank T-411						3											
EQT174	T-412 - Storage Tank T-412						3											
EQT175	T-413 - Storage Tank T-413						3											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT176	T-414 - Storage Tank T-414						3											
EQT177	T-415 - Storage Tank T-415						3											
EQT178	T-416 - Storage Tank T-416						3											
EQT179	T-417 - Storage Tank T-417						3											
EQT180	T-418 - Storage Tank T-418						3											
EQT181	T-419 - Storage Tank T-419						3											
EQT182	T-420 - Storage Tank T-420						3											
EQT183	T-421 - Storage Tank T-421						3											
EQT184	T-422 - Storage Tank T-422						3											
EQT185	T-45001 - Storage Tank T-45001						3											
EQT186	T-469 - Overhead and Sidedraw Bullet Tank						3											
EQT187	T-501 - Storage Tank T-501						3											
EQT188	T-502 - Storage Tank T-502						3											
EQT189	T-5050 - Storage Tank T-5050						3											
EQT190	T-5051 - Storage Tank T-5051						3											
EQT191	T-5052 - Storage Tank T-5052						3											
EQT192	T-5053 - Storage Tank T-5053						3											
EQT193	T-5054 - Storage Tank T-5054						3											
EQT194	T-5055 - Storage Tank T-5055						3											
EQT195	T-5056 - Storage Tank T-5056						3											

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X. Applicable Louisiana and Federal Air Quality Requirements

		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT196	T-5057 - Storage Tank T-5057						3											
EQT197	T-5058 - Storage Tank T-5058						3											
EQT198	T-5059 - Storage Tank T-5059						3											
EQT199	T-5060 - Storage Tank T-5060						3											
EQT200	T-5061 - Storage Tank T-5061						3											
EQT201	T-5062 - Storage Tank T-5062						3											
EQT202	T-5063 - Storage Tank T-5063						3											
EQT203	T-5064 - Storage Tank T-5064						3											
EQT204	T-5065 - Storage Tank T-5065						3											
EQT205	T-5066 - Storage Tank T-5066						3											
EQT206	T-5067 - Storage Tank T-5067						3											
EQT207	T-5068 - Storage Tank T-5068						3											
EQT208	T-5069 - Storage Tank T-5069						3											
EQT209	T-507 - Storage Tank T-507						3											
EQT210	T-5070 - Storage Tank T-5070						3											
EQT211	T-5071 - Storage Tank T-5071						3											
EQT212	T-5072 - Storage Tank T-5072						3											
EQT213	T-508 - Storage Tank T-508						3											
EQT214	T-509 - Storage Tank T-509						3											
EQT215	T-513 - Storage Tank T-513						3											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT216	T-514 - Storage Tank T-514						3											
EQT217	T-515 - Storage Tank T-515						3											
EQT218	T-516 - Storage Tank T-516						3											
EQT219	T-517 - Storage Tank T-517						3											
EQT220	T-518 - Storage Tank T-518						3											
EQT221	T-519 - Storage Tank T-519						3											
EQT222	T-520 - Storage Tank T-520						3											
EQT223	T-529 - Storage Tank T-529						3											
EQT224	T-55001 - Storage Tank T-55001						3											
EQT225	T-57001 - Storage Tank T-57001						3											
EQT226	T-751 - Storage Tank T-751						3											
EQT227	T-752 - Storage Tank T-752						3											
EQT228	T-753 - Storage Tank T-753						3											
EQT229	T-96-4 - Refinery Gasoline Tank						1											
EQT230	T-96-5 - Refinery Gasoline Storage Tank						1											
EQT231	T-AG1 - Storage Tank T-AG1						3											
EQT232	T-AG2 - Storage Tank T-AG2						3											
EQT233	H-100A - Hydrocal Heater																	
EQT234	07-1: White Oil Hydrotreater Heater			1	1	1												
EQT235	07-2: Tank Heater			1	1	1												

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT236	07-3: Hydrogen Plant Heater			1	1	1												
EQT237	07-4: PDA Heater			1	1	1												
EQT238	T-10028: Storage Tank						3											
EQT239	T-10029: Storage Tank						3											
EQT240	T-10030: Storage Tank						3											
EQT241	T-10031: Storage Tank						3											
EQT242	T-10032: Storage Tank						3											
EQT243	T-10033: Storage Tank						3											
EQT244	T-20008: Storage Tank						3											
EQT245	T-20009: Storage Tank						3											
EQT246	T-20010: Storage Tank						3											
EQT247	T-20011: Storage Tank						3											
EQT248	T-20012: Storage Tank						3											
EQT249	T-20013: Storage Tank						3											
EQT250	T-20014: Storage Tank						3											
EQT251	T-20015: Storage Tank						3											
EQT252	T-20016: Storage Tank						3											
EQT253	T-20017: Storage Tank						3											
EQT254	T-20018: Storage Tank						3											
EQT255	T-2506: Storage Tank						3											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT256	T-2507: Storage Tank						3											
EQT257	T-2508: Storage Tank						3											
EQT258	T-2509: Storage Tank						3											
EQT259	T-5073: Storage Tank						3											
EQT260	T-5074: Storage Tank						3											
EQT261	T-5075: Storage Tank						3											
EQT262	T-5076: Storage Tank						3											
EQT263	T-5077: Storage Tank						3											
EQT264	T-5078: Storage Tank						3											
EQT265	T-5079: Storage Tank						3											
EQT266	T-20007: Storage Tank						3											
EQT267	T-423: Lube Oil Tank						3											
EQT268	T-424: Lube Oil Tank						3											
EQT269	T-425: Lube Oil Tank						3											
EQT270	T-426: Lube Oil Tank						3											
EQT271	T-427: Lube Oil Tank						3											
EQT272	T-428: Lube Oil Tank						3											
EQT277	T-T10034: Asphalt Storage Tank						3											
EQT278	T-10035: Asphalt Storage Tank						3											
EQT279	Propane Tank, TK1						1											

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		LAC 33:III Chapter																
ID No.	Description	5▲	9	11	13	15	2103	2107	2109	2111	2113	2121	2122	2139	29*	51*	56	59*
EQT280	Propane Tank, TK2						1											
FUG001	94-3 - Fugitive Emissions									3	1	1	3					
FUG002	WWT-1 - Wastewater Fugitive Emissions									3	1	1						
RLP009	94-4A - Rerun Unit Ejector Vent													3				
RLP010	94-4B - Rerun Ejector Vent													3				
RLP011	94-4C - Crude Unit EjectorVent													3				
RLP012	94-4D - Crude Unit EjectorVent													3				

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

1 - The regulations have applicable requirements which 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 which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, 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. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
GRP004	Entire Facility	1														1				1	
EQT003	SB-3 - Erie City Boiler No. 3		3	3	3	3			3												
EQT004	SB-4 - Boiler No. 4		3	3	3	3			3												
EQT005	PH-5 - Atmospheric Tower Reboiler H-1		3	3	3	3			3												
EQT006	PH-14 - Hydrocal Heater H-100								3												
EQT007	PH-15 - FDU3 Heater (Final Distillation Unit No. 3)								3												
EQT009	PH-19 - Vacuum Tower Heater B-102								3												
EQT010	PH-20 - Vacuum Tower Heater B-202								3												
EQT011	PH-21 - Hydrocal Heater H-101								1												
EQT012	PH-22 - Hydrocal Heater H-102								1												
EQT013	PH-23 - Hydrocal Heater H-103								1												
EQT014	PH-24 - Sulfur Plant Incinerator H-301								3												
EQT015	PH-25 - Hydrocal Unit No. 1 Flare	1							1												
EQT016	PH-26 - Hydrocal Unit No. 2 Ejector Vent																		3		
EQT017	PH-27 - Reformer Furnace H-101								1												
EQT019	93-1 - Crude Heater H-100A								3												
EQT020	93-2 - Hydrocal H-104 Heater								3												
EQT021	93-3 - FDU2 Heater (Final Distillation No. 2)								3												
EQT022	93-4 - Asphalt Heater B	1					1														

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT023	93-5 - Asphalt Tank Heaters (Combined)								3												
EQT024	94-1A - ENQUIP Oil/Water Separator	1											1								
EQT025	94-1B - WEMCO-A Oil/Water Separator	1											1								
EQT026	94-1C - WEMCO-B Oil/Water Separator	1											1								
EQT027	94-2 - Cooling Towers																	1			
EQT028	96-1 - Tank Truck Loading																				
EQT029	96-2 - Railroad Tank Car Loading																				
EQT030	96-3 - Emergency Fire Water Pump																				
EQT031	98-1 - Heater								3												
EQT032	98-2 - Heater								3												
EQT033	00-1 - Crude Unit E.V. Flare	1							1												
EQT034	T-10003 - Asphalt Storage Tank									3	3	3									
EQT035	T-10004 - Hydrocal Storage Tank									3	3	3									
EQT036	T-10005 - Hydrocal Storage Tank									3	3	3									
EQT037	T-10006 - Diesel Storage Tank																				
EQT038	T-10007 - Refrigeration Oil Tank									3	3	3									
EQT039	T-10008 - Hydrocal Storage Tank									3	3	3									
EQT040	T-10009 - Transformer Oil Tank									3	3	3									
EQT041	T-1001 - Asphalt Storage Tank									3	3	3									
EQT042	T-10010 - Hydrocal Storage Tank									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT043	T-10011 - Calsol Storage Tank									3	3	3									
EQT044	T-10012 - Hydrocal Storage Tank									3	3	3									
EQT045	T-10013 - Calsol Storage Tank									3	3	3									
EQT046	T-10014 - Calsol Storage Tank									3	3	3									
EQT047	T-10015 - Tech Grade Oil Tank									3	2	3									
EQT048	T-10016 - Diesel Storage Tank									3	2	3									
EQT049	T-10017 - Calsol Storage Tank									3	2	3									
EQT050	T-10018 - Calsol Storage Tank									3	2	3									
EQT051	T-10019 - Distillates Storage Tank									3	3	3									
EQT052	T-1002 - Asphalt Storage Tank									3	3	3									
EQT053	T-10020 - Distillates Storage Tank									3	3	3									
EQT054	T-10022 - Distillates Storage Tank									3	3	3									
EQT055	T-10024 - Feed Stock Storage Tank									3	3	3									
EQT056	T-10025 - Feed Stock Storage Tank									3	3	3									
EQT057	T-10026 - Feed Stock Storage Tank									3	3	3									
EQT058	T-10027 - Blend Tank									3	3	3									
EQT059	T-1003 - Tech Grade Oil Tank									3	3	3									
EQT060	T-1004 - Tech Grade Oil Tank									3	3	3									
EQT061	T-1005 - Tech Grade Oil Tank									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT062	T-1006 - Tech Grade Oil Tank									3	3	3									
EQT063	T-1007 - Asphalt Storage Tank									3	3	3									
EQT064	T-1008 - Transformer Oil Tank									3	3	3									
EQT065	T-1009 - Hydrocal Storage Tank									3	3	3									
EQT066	T-1011 - Blend Tank									3	3	3									
EQT067	T-1070 - Rerun No. 2 Storage Tank									3	3	3									
EQT068	T-1071 - Rerun No. 3 Storage Tank									3	3	3									
EQT069	T-12001 - Distillates Storage Tank									3	3	3									
EQT070	T-1501 - Diesel Storage Tank									3	2	3									
EQT071	T-1502 - Diesel Storage Tank									3	2	3									
EQT072	T-1503 - Diesel Storage Tank									3	2	3									
EQT073	T-1504 - Diesel Storage Tank									3	3	3									
EQT074	T-1505 - Blend Tank									3	3	3									
EQT075	T-1506 - Blend Tank									3	3	3									
EQT076	T-1919 - Hydrocal Storage Tank									3	3	3									
EQT077	T-20001 - Distillates Storage Tank									3	3	3									
EQT078	T-20002 - Distillates Storage Tank									3	3	3									
EQT079	T-20003 - Distillates Storage Tank									3	3	3									
EQT080	T-20004 - Distillates Storage Tank									3	3	3									

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		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT081	T-20005 - Distillates Storage Tank									3	3	3									
EQT082	T-20006 - Distillates Storage Tank									3	3	3									
EQT083	T-2016 - Asphalt Storage Tank									3	3	3									
EQT084	T-2017 - Asphalt Storage Tank									3	3	3									
EQT085	T-2018 - Asphalt Storage Tank									3	3	3									
EQT086	T-202 - Rerun No. 1 Storage Tank									3	3	3									
EQT087	T-2022 - Hydrocal Storage Tank									3	3	3									
EQT088	T-2023 - Fuel Storage Tank									3	3	3									
EQT089	T-2024 - Hydrocal Storage Tank									3	3	3									
EQT090	T-2025 - Hydrocal Storage Tank									3	3	3									
EQT091	T-2026 - Fuel Storage Tank									3	3	3									
EQT092	T-2027 - Calsol Storage Tank									3	3	3									
EQT093	T-2028 - Lube Oil Storage Tank									3	3	3									
EQT094	T-2029 - Lube Oil Storage Tank									3	3	3									
EQT095	T-2030 - Lube Oil Storage Tank									3	3	3									
EQT096	T-2031 - Calsol Storage Tank									3	3	3									
EQT097	T-2032 - Calsol Storage Tank									3	3	3									
EQT098	T-2033 - Calsol Storage Tank									3	3	3									
EQT099	T-2034 - Hydrocal Storage Tank									3	3	3									
EQT100	T-2041 - Calsol Storage Tank									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT101	T-2042 - Calsol Storage Tank									3	3	3									
EQT102	T-205 - Rerun No. 1 Storage Tank									3	3	3									
EQT103	T-241 - Wild Naphtha Storage Tank									3	3	3									
EQT104	T-250 - Rerun No. 2 Storage Tank									3	3	3									
EQT105	T-2501 - Hydrocal Storage Tank									3	3	3									
EQT106	T-2502 - Hydrocal Storage Tank									3	3	3									
EQT107	T-2503 - Hydrocal Storage Tank									3	3	3									
EQT108	T-2504 - Calsol Storage Tank									3	3	3									
EQT109	T-260 - Naphthal Storage Tank									3	3	3									
EQT110	T-270 - Diesel Storage Tank									3	3	3									
EQT111	T-28001 - Asphalt Storage Tank									3	3	3									
EQT112	T-3000 - Hydrocal Storage Tank									3	3	3									
EQT113	T-3001 - Hydrocal Storage Tank									3	3	3									
EQT114	T-301 - Misc.Lubes Storage Tank									3	3	3									
EQT115	T-302 - Misc. Lubes Storage Tank									3	3	3									
EQT116	T-303 - Lube Oil Blending Tank									3	3	3									
EQT117	T-304 - Lube Oil Blending Tank									3	3	3									
EQT118	T-305 - Lube Oil Blending Tank									3	3	3									
EQT119	T-306 - Lube Oil Blending Tank									3	3	3									
EQT120	T-307 - Lube Oil Storage Tank									3	3	3									

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CALUMET PRINCETON REFINERY
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CALUMET LUBRICANTS COMPANY, L.P.
PRINCETON, BOSSIER PARISH, LOUISIANA

X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT121	T-308B - Lube Oil Storage Tank									3	3	3									
EQT122	T-309 - Lube Oil Storage Tank									3	3	3									
EQT123	T-310 - Lube Oil Storage Tank									3	3	3									
EQT124	T-311 - Lube Oil Storage Tank									3	3	3									
EQT127	H-100R - Hydrocal Heater								3												
EQT139	03-1 - A-Clay Silo Dust Collector																				
EQT140	03-2 - Reactor Tank Dust Collector Cap																				
EQT141	03-2A - Reactor Tank Dust Collector 1																				
EQT142	03-2B - Reactor Tank Dust Collector 2																				
EQT143	03-3 - Reactor Tanks Scrubber																				
EQT144	05-1 - Asphalt Heater C						1		3												
EQT145	PH-13 - Crude Heater H-100B								3												
EQT146	T-2505 - Storage Tank T-2505	1					1			3	3	3									
EQT147	T-261 - Storage Tank T-261									3	3	3									
EQT148	T-312 - Storage Tank T-312									3	3	3									
EQT149	T-313 - Storage Tank T-313									3	3	3									
EQT150	T-314 - Storage Tank T-314									3	3	3									
EQT151	T-315 - Storage Tank T-315									3	3	3									
EQT152	T-316 - Storage Tank T-316									3	3	3									
EQT153	T-317 - Storage Tank T-317									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT154	T-318 - Storage Tank T-318									3	3	3									
EQT155	T-360 - Storage Tank T-360									3	3	3									
EQT156	T-361 - Storage Tank T-361									3	3	3									
EQT157	T-362 - Storage Tank T-362									3	3	3									
EQT158	T-363 - Storage Tank T-363									3	3	3									
EQT159	T-375 - Storage Tank T-375									3	3	3									
EQT160	T-376 - Storage Tank T-376									3	3	3									
EQT161	T-40001 - Storage Tank T-40001									3	2	3									
EQT162	T-40002 - Storage Tank T-40002									3	2	3									
EQT163	T-401 - Storage Tank T-401																				
EQT164	T-402 - Storage Tank T-402									3	3	3									
EQT165	T-403 - Storage Tank T-403									3	3	3									
EQT166	T-404 - Storage Tank T-404									3	3	3									
EQT167	T-405 - Storage Tank T-405									3	3	3									
EQT168	T-406 - Storage Tank T-406									3	3	3									
EQT169	T-407 - Storage Tank T-407									3	3	3									
EQT170	T-408 - Storage Tank T-408									3	3	3									
EQT171	T-409 - Storage Tank T-409																				
EQT172	T-410 - Storage Tank T-410																				
EQT173	T-411 - Storage Tank T-411									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT174	T-412 - Storage Tank T-412									3	3	3									
EQT175	T-413 - Storage Tank T-413									3	3	3									
EQT176	T-414 - Storage Tank T-414									3	3	3									
EQT177	T-415 - Storage Tank T-415									3	3	3									
EQT178	T-416 - Storage Tank T-416									3	3	3									
EQT179	T-417 - Storage Tank T-417									3	3	3									
EQT180	T-418 - Storage Tank T-418									3	3	3									
EQT181	T-419 - Storage Tank T-419									3	3	3									
EQT182	T-420 - Storage Tank T-420									3	3	3									
EQT183	T-421 - Storage Tank T-421									3	3	3									
EQT184	T-422 - Storage Tank T-422									3	3	3									
EQT185	T-45001 - Storage Tank T-45001									3	3	3									
EQT186	T-469 - Overhead and Sidedraw Bullet Tank									3	3	3									
EQT187	T-501 - Storage Tank T-501									3	3	3									
EQT188	T-502 - Storage Tank T-502									3	3	3									
EQT189	T-5050 - Storage Tank T-5050									3	3	3									
EQT190	T-5051 - Storage Tank T-5051									3	3	3									
EQT191	T-5052 - Storage Tank T-5052									3	3	3									
EQT192	T-5053 - Storage Tank T-5053									3	3	3									
EQT193	T-5054 - Storage Tank T-5054									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT194	T-5055 - Storage Tank T-5055									3	3	3									
EQT195	T-5056 - Storage Tank T-5056									3	3	3									
EQT196	T-5057 - Storage Tank T-5057									3	3	3									
EQT197	T-5058 - Storage Tank T-5058									3	3	3									
EQT198	T-5059 - Storage Tank T-5059									3	3	3									
EQT199	T-5060 - Storage Tank T-5060									3	3	3									
EQT200	T-5061 - Storage Tank T-5061									3	3	3									
EQT201	T-5062 - Storage Tank T-5062									3	3	3									
EQT202	T-5063 - Storage Tank T-5063									3	2	3									
EQT203	T-5064 - Storage Tank T-5064									3	2	3									
EQT204	T-5065 - Storage Tank T-5065									3	3	3									
EQT205	T-5066 - Storage Tank T-5066									3	3	3									
EQT206	T-5067 - Storage Tank T-5067									3	3	3									
EQT207	T-5068 - Storage Tank T-5068									3	3	3									
EQT208	T-5069 - Storage Tank T-5069						1			3	3	3									
EQT209	T-507 - Storage Tank T-507									3	3	3									
EQT210	T-5070 - Storage Tank T-5070	1					1			3	3	3									
EQT211	T-5071 - Storage Tank T-5071									3	3	3									
EQT212	T-5072 - Storage Tank T-5072									3	3	3									
EQT213	T-508 - Storage Tank T-508									3	3	3									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT214	T-509 - Storage Tank T-509									3	3	3									
EQT215	T-513 - Storage Tank T-513									3	3	3									
EQT216	T-514 - Storage Tank T-514									3	3	3									
EQT217	T-515 - Storage Tank T-515									3	3	3									
EQT218	T-516 - Storage Tank T-516									3	3	3									
EQT219	T-517 - Storage Tank T-517									3	3	3									
EQT220	T-518 - Storage Tank T-518									3	3	3									
EQT221	T-519 - Storage Tank T-519									3	3	3									
EQT222	T-520 - Storage Tank T-520									3	3	3									
EQT223	T-529 - Storage Tank T-529									3	3	3									
EQT224	T-55001 - Storage Tank T-55001									3	2	3									
EQT225	T-57001 - Storage Tank T-57001									3	3	3									
EQT226	T-751 - Storage Tank T-751									3	3	3									
EQT227	T-752 - Storage Tank T-752									3	3	3									
EQT228	T-753 - Storage Tank T-753									3	3	3									
EQT229	T-96-4 - Refinery Gasoline Tank																				
EQT230	T-96-5 - Refinery Gasoline Storage Tank																				
EQT231	T-AG1 - Storage Tank T-AG1									3	3	3									
EQT232	T-AG2 - Storage Tank T-AG2									3	3	3									
EQT233	H-100A - Hydrocal Heater																				

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT234	07-1: White Oil Hydrotreater Heater								3												
EQT235	07-2: Tank Heater								3												
EQT236	07-3: Hydrogen Plant Heater								1												
EQT237	07-4: PDA Heater								3												
EQT238	T-10028: Storage Tank									3	3	1									
EQT239	T-10029: Storage Tank									3	3	1									
EQT240	T-10030: Storage Tank									3	3	1									
EQT241	T-10031: Storage Tank									3	3	1									
EQT242	T-10032: Storage Tank									3	3	1									
EQT243	T-10033: Storage Tank									3	3	1									
EQT244	T-20008: Storage Tank									3	3	1									
EQT245	T-20009: Storage Tank						1			3	3	1									
EQT246	T-20010: Storage Tank						1			3	3	1									
EQT247	T-20011: Storage Tank									3	3	1									
EQT248	T-20012: Storage Tank									3	3	1									
EQT249	T-20013: Storage Tank									3	3	1									
EQT250	T-20014: Storage Tank									3	3	1									
EQT251	T-20015: Storage Tank									3	3	1									
EQT252	T-20016: Storage Tank									3	3	1									
EQT253	T-20017: Storage Tank									3	3	1									

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X. Applicable Louisiana and Federal Air Quality Requirements

		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT254	T-20018: Storage Tank									3	3	1									
EQT255	T-2506: Storage Tank						1			3	3	1									
EQT256	T-2507: Storage Tank						1			3	3	1									
EQT257	T-2508: Storage Tank						1			3	3	1									
EQT258	T-2509: Storage Tank						1			3	3	1									
EQT259	T-5073: Storage Tank									3	3	1									
EQT260	T-5074: Storage Tank									3	3	1									
EQT261	T-5075: Storage Tank						1			3	3	1									
EQT262	T-5076: Storage Tank						1			3	3	1									
EQT263	T-5077: Storage Tank						1			3	3	1									
EQT264	T-5078: Storage Tank						1			3	3	1									
EQT265	T-5079: Storage Tank						1			3	3	1									
EQT266	T-20007: Storage Tank									3	3	1									
EQT267	T-423: Lube Oil Tank									3	3	3									
EQT268	T-424: Lube Oil Tank									3	3	3									
EQT269	T-425: Lube Oil Tank									3	3	3									
EQT270	T-426: Lube Oil Tank									3	3	3									
EQT271	T-427: Lube Oil Tank									3	3	3									
EQT272	T-428: Lube Oil Tank									3	3	3									
EQT277	T-T0034: Asphalt Storage Tank						1			3	3	1									

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		NSPS 40 CFR 60												NESHAP 40 CFR 61			40 CFR 63		40 CFR 64	40 CFR 68	40 CFR 82
ID No.	Description	A	D	Da	Db	Dc	UU	GGG	J	K	Ka	Kb	QQQ	A	M	FF	A	Q			
EQT278	T-10035: Asphalt Storage Tank						1			3	3	1									
EQT279	Propane Tank, TK1																				
EQT280	Propane Tank, TK2																				
FUG001	94-3 - Fugitive Emissions							1													
FUG002	WWT-1 - Wastewater Fugitive Emissions	1						1								1					
RLP009	94-4A - Rerun Unit Ejector Vent																		3		
RLP010	94-4B - Rerun Ejector Vent																		3		
RLP011	94-4C - Crude Unit EjectorVent																		3		
RLP012	94-4D - Crude Unit EjectorVent																		3		

KEY TO MATRIX

1 - The regulations have applicable requirements which 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 which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, 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. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT003, EQT004, EQT005	Standards of Performance for Fossil Fuel-Fired Steam Generator, Subpart D [40 CFR 60.40 – 60.47]	DOES NOT APPLY. SB-3 and PH-5 were not constructed or modified after August 17, 1971. SB-4 was constructed after 1971, but has a capacity less than 250 MM BTU/hr.
	Standards of Performance for Electric Utility Steam Generating Units – Subpart Da [40 CFR 60.40a – 60.49a]	DOES NOT APPLY. SB-3 and PH-5 were not constructed or modified after September 18,1978. SB-4 was constructed after 1971, but has a capacity less than 250 MM BTU/hr.
	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units – Subpart Db [40 CFR 60.40b – 60.49b]	DOES NOT APPLY. Sources not constructed or modified after June 9, 1989.
	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units -Subpart Dc [40 CFR 60.40c - 60.48c]	DOES NOT APPLY. Sources not constructed or modified after June19, 1984.
	Standards of Performance for Petroleum Refineries - Subpart J [40 CFR 60.100 -60.109]	DOES NOT APPLY. Sources are not fuel gas combustion sources.
EQT145, EQT006, EQT007, EQT009, EQT010, EQT019, EQT020, EQT021, EQT023, EQT127, EQT031, EQT032	Standards of Performance for Petroleum Refineries - Subpart J [40 CFR 60.100 -60.109]	DOES NOT APPLY. Sources are not fuel gas combustion sources.
EQT014	Standards of Performance for Petroleum Refineries - Subpart J [40 CFR 60.100 -60.109]	DOES NOT APPLY. This source is a part of the Claus sulfur recovery plant; however, the Claus plant processes less than 20 long tons per day.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT016, RLP009, RLP101, RLP011, RLP012	Petroleum Refinery Operations – Refinery Vacuum Production Systems [LAC 33:III.2139]	DOES NOT APPLY. These sources are not steam ejectors.
	Compliance Assurance Plan Process Vents [40 CFR 64]	DOES NOT APPLY. Sources are not subject to federally enforceable regulations promulgated prior to 1990.
FUG002	Control of Organic Compound Emissions - Pumps and Compressors [LAC 33:III.2111]	DOES NOT APPLY. There are no VOC streams at the refinery with a vapor pressure of 1.5 psia or greater.
FUG001	Control of Organic Compound Emissions - Pumps and Compressors [LAC 33:III.2111]	DOES NOT APPLY. There are no VOC streams at the refinery with a vapor pressure of 1.5 psia or greater.
	Control of Organic Compound Emissions – Fugitive Emission Control for Ozone Nonattainment Areas [LAC 33:III.2122]	DOES NOT APPLY. The Princeton Refinery is located in an ozone attainment area.
EQT028 EQT029	Control of Organic Compound Emissions – Volatile Organic Compounds – Loading [LAC 33:III.2107]	DOES NOT APPLY. These loading facilties load materials with vapor pressure less than 1.5 psia.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT103, EQT121, EQT086, EQT102, EQT104, EQT164, EQT165, EQT166, EQT167, EQT168, EQT178, EQT179, EQT180, EQT181, EQT147, EQT182, EQT183, EQT184, EQT120, EQT122, EQT123, EQT124, EQT148, EQT151, EQT152, EQT153, EQT154, EQT159, EQT160, EQT110, EQT177, EQT231, EQT232, EQT114, EQT115, EQT175, EQT176, EQT116, EQT117, EQT118, EQT119, EQT156, EQT169, EQT170, EQT149, EQT150, EQT155, EQT157; EQT158, EQT173, EQT174, EQT109 (Storage Tanks)	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressure less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks have a capacity less than 19,800 gallons.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT204, EQT205, EQT206, EQT208, EQT210, EQT051, EQT053, EQT054, EQT077, EQT078, EQT079, EQT080, EQT081, EQT082, EQT055, EQT056, EQT057, EQT058, EQT211, EQT212, EQT066, EQT074, EQT075, EQT146, EQT207 (Storage Tanks)	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressure less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks were constructed after May 1978.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks were constructed after May 1978.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks have a vapor pressure less than 0.5 psia.
EQT049, EQT050, EQT047, EQT202, EQT203, EQT224, EQT048, EQT070, EQT071, EQT072, EQT162 (Storage Tanks)	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressures less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks were constructed after May 1978.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	EXEMPT. These tanks are used to store materials with a vapor pressure less than 1.0 psia.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks were constructed before July 1984.

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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT221, EQT222 (Storage Tanks)	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressure less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks were constructed after May 1978.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks are less than 40,000 gallons.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks were constructed before July 1984.

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CALUMET PRINCETON REFINERY
AGENCY INTEREST NO.: 1224
CALUMET LUBRICANTS COMPANY, L.P.
PRINCETON, BOSSIER PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT043, EQT045, EQT046, EQT096, EQT097, EQT098, EQT100, EQT101, EQT107, EQT108, EQT195, EQT199, EQT200, EQT201, EQT059, EQT060, EQT061, EQT062, EQT040, EQT064, EQT038, EQT191, EQT192, EQT193, EQT196, EQT197, EQT213, EQT067, EQT068, EQT035, EQT036, EQT039, EQT042, EQT044, EQT065,EQT076, EQT087, EQT089, EQT099, EQT105, EQT106, EQT112, EQT113, EQT189, EQT194, EQT198, EQT088, EQT091, EQT093, EQT187, EQT188, EQT190, EQT209, EQT215, EQT216, EQT214, EQT217, EQT218, EQT185, EQT225, EQT073, EQT219, EQT220, EQT069, EQT034, EQT041, EQT052, EQT063, EQT083, EQT084, EQT085, EQT094, EQT095, EQT111, EQT161, EQT226, EQT227, EQT228 (Storage Tanks)	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressure less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks were constructed prior to 1973.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks were constructed prior to 1973.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks have a capacity less than 39,900 gallons and store liquids with vapor pressure less than 2.2 psia.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CALUMET PRINCETON REFINERY
AGENCY INTEREST NO.: 1224
CALUMET LUBRICANTS COMPANY, L.P.
PRINCETON, BOSSIER PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT186, EQT223 (Storage Tanks)	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks have a capacity less than 39,900 gallons and store liquids with vapor pressure less than 2.2 psia.
EQT 234, EQT235, EQT237 Heaters	Standards of Performance for Petroleum Refineries - Subpart J [40 CFR 60.100 -60.109]	DOES NOT APPLY. These sources are not fuel gas combustion sources.

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CALUMET PRINCETON REFINERY
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CALUMET LUBRICANTS COMPANY, L.P.
PRINCETON, BOSSIER PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT267, EQT268, EQT269, EQT270, EQT271, EQT272 Storage Tanks	Control of Organic Compound Emissions -- Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressure less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks have a capacity less than 40,000 gallons.
	Standards of Performance for Volatile Organic Liquid Storage Vessels – NSPS Subpart Kb [40 CFR60.110b]	DOES NOT APPLY. These tanks have a capacity less than 39,900 gallons and store liquids with vapor pressure less than 2.2 psia.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

CALUMET PRINCETON REFINERY
AGENCY INTEREST NO.: 1224
CALUMET LUBRICANTS COMPANY, L.P.
PRINCETON, BOSSIER PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT266, EQT244, EQT245, EQT246, EQT247, EQT248, EQT249, EQT250, EQT251, EQT252, EQT253, EQT254, EQT238, EQT239, EQT240, EQT241, EQT242, EQT243, EQT259, EQT260, EQT261, EQT262, EQT263, EQT264, EQT265, EQT255, EQT256, EQT257, EQT258, EQT277, EQT278 Storage Tanks	Control of Organic Compound Emissions – Storage if Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. These tanks contain materials with vapor pressure less than 1.5 psia.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart K [40 CFR60.110]	DOES NOT APPLY. These tanks were constructed after May 1978.
	Standards of Performance for Storage Vessels for Petroleum Liquids – NSPS Subpart Ka [40 CFR 60.110a]	DOES NOT APPLY. These tanks were constructed after July 1984.

40 CFR PART 70 GENERAL CONDITIONS

A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]

B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]

C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]

D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]

E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]

F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]

G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

40 CFR PART 70 GENERAL CONDITIONS

H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:

1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;

2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;

3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

5. changes in emissions would not qualify as a significant modification; and

40 CFR PART 70 GENERAL CONDITIONS

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

   a. Report by June 30 to cover January through March
   b. Report by September 30 to cover April through June
   c. Report by December 31 to cover July through September
   d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated June 19, 2006, as well as additional information dated April 27, 2007 and July 18, 2007.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

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General Information

AI ID: 1224 Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Also Known As:

ID	Name	User Group	Start Date
0400-00004	Calumet Lubricants Co LP - Princeton Refinery	CDS Number	08-05-2002
0400-0004	Calumet Lubricants Co LP - Princeton Refinery	Emission Inventory	02-23-2004
35-1811116	Federal Tax ID #	Federal Tax ID	11-21-1999
LAD985200930	Calumet Lubricants Co LP	Hazardous Waste Notification	04-29-1991
LAD008054934	IAS #	Inactive & Abandoned Sites	03-01-1983
LA0088552	LPDES #	LPDES Permit #	05-27-1993
WP0329	LWDPS #	LWDPS Permit #	11-21-1999
WP3505	WPC State Permit Number	LWDPS Permit #	06-25-2003
7323	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
GD-015-0779	Calumet Refining Co	Solid Waste	01-08-2002
G-015-3230	Site Id #	Solid Waste Facility No.	07-24-2001
17003	Calumet Lubricants Co LP	TEMPO Merge	03-22-2001
17974	Calumet Lubricants Co LP	TEMPO Merge	02-26-2001
22520	Calumet Lubricants Co LP	TEMPO Merge	08-07-2001
46852	Calumet Lubricants Co	TEMPO Merge	02-26-2001
46854	Calumet Lubricants Co LP	TEMPO Merge	02-26-2001
71067CLMTRHC62B	TRI #	Toxic Release Inventory	07-09-2004
02-388	Motor Fuel Delivery Certificate #	UST FID #	08-09-2002
08-001333	UST Facility ID (from UST legacy data)	UST FID #	10-11-2002

Physical Location: 10234 Hwy 157
Princeton, LA 71067

Main Phone: 3189492421

Mailing Address: 10234 Hwy 157
Princeton, LA 71067

Location of Front Gate: 32° 35' 18" latitude, 93° 30' 45" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Jerry D. Arnold	10234 Hwy 157 Princeton, LA 71067	3189492421 (WP)	Radiation Registration Billing Party for
C. K. Dailey	10234 Hwy 157 Princeton, LA 71067	3379492421 (WP)	Accident Prevention Billing Party for
Scott S. Jones	10234 Hwy 157 Princeton, LA 71067	3379442421 (WP)	Accident Prevention Contact for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Calumet Lubricants Co LP	10234 Hwy 157 Princeton, LA 71067		Air Billing Party for
Calumet Lubricants Co LP	10234 Hwy 157 Princeton, LA 71067		Radiation Registration Billing Party for

General Information

AI ID: 1224 Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Related Organizations:

Name	Address	Phone (Type)	Relationship
Calumet Lubricants Co LP	10234 Hwy 157 Princeton, LA 71067		Owns
Calumet Lubricants Co LP	10234 Hwy 157 Princeton, LA 71067		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) 219-3247 or email your changes to facupdate@la.gov.

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INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0003	SB-3 - Erie City Boiler No. 3		45 MM BTU/hr			8760 hr/yr (All Year)
EQT0004	SB-4 - Boiler No. 4		48.7 MM BTU/hr			8760 hr/yr (All Year)
EQT0005	PH-5 - Atmospheric Tower Reboiler H-1		8.8 MM BTU/hr			8760 hr/yr (All Year)
EQT0006	PH-14 - Hydrocal Heater H-100		7.5 MM BTU/hr			8760 hr/yr (All Year)
EQT0007	PH-15 - FDU3 Heater (Final Distillation Unit No. 3)		14.9 MM BTU/hr			8760 hr/yr (All Year)
EQT0009	PH-19 - Vacuum Tower Heater B-102		12.2 MM BTU/hr			8760 hr/yr (All Year)
EQT0010	PH-20 - Vacuum Tower Heater B-202		6.1 MM BTU/hr			8760 hr/yr (All Year)
EQT0011	PH-21 - Hydrocal Heater H-101		3.9 MM BTU/hr			8760 hr/yr (All Year)
EQT0012	PH-22 - Hydrocal Heater H-102		5.3 MM BTU/hr			8760 hr/yr (All Year)
EQT0013	PH-23 - Hydrocal Heater H-103		6.8 MM BTU/hr			8760 hr/yr (All Year)
EQT0014	PH-24 - Sulfur Plant Incinerator H-301		69.4 MM ft^3/yr			8760 hr/yr (All Year)
EQT0015	PH-25 - Hydrocal Unit No. 1 Flare		.08 MM ft^3/hr			8760 hr/yr (All Year)
EQT0016	PH-26 - Hydrocal Unit No. 2 Ejector Vent		2.92 MM bbl/yr			8760 hr/yr (All Year)
EQT0017	PH-27 - Reformer Furnace H-101		60.8 MM BTU/hr			8760 hr/yr (All Year)
EQT0019	93-1 - Crude Heater H-100A		10.4 MM BTU/hr			8760 hr/yr (All Year)
EQT0020	93-2 - Hydrocal H-104 Heater		5.42 MM BTU/hr			8760 hr/yr (All Year)
EQT0021	93-3 - FDU2 Heater (Final Distillation No. 2)		20 MM BTU/hr			8760 hr/yr (All Year)
EQT0022	93-4 - Asphalt Heater B		8.4 MM BTU/hr			8760 hr/yr (All Year)
EQT0023	93-5 - Asphalt Tank Heaters (Combined)		23.8 MM BTU/hr			8760 hr/yr (All Year)
EQT0024	94-1A - ENQUIP Oil/Water Separator		800 gallons/min			8760 hr/yr (All Year)
EQT0025	94-1B - WEMCO-A Oil/Water Separator		300 gallons/min			8760 hr/yr (All Year)
EQT0026	94-1C - WEMCO-B Oil/Water Separator		300 gallons/min			8760 hr/yr (All Year)
EQT0027	94-2 - Cooling Towers					8760 hr/yr (All Year)
EQT0028	96-1 - Tank Truck Loading			244.45 MM gallons/yr		8760 hr/yr (All Year)
EQT0029	96-2 - Railroad Tank Car Loading		244.2 MM gallons/yr			8760 hr/yr (All Year)
EQT0030	96-3 - Emergency Fire Water Pump		187 horsepower			50 hr/yr (All Year)
EQT0031	98-1 - Heater		5 MM BTU/hr			8760 hr/yr (All Year)
EQT0032	98-2 - Heater		2 MM BTU/hr			8760 hr/yr (All Year)
EQT0033	00-1 - Crude Unit E.V. Flare		.01 MM ft^3/hr			8760 hr/yr (All Year)
EQT0034	T-10003 - Asphalt Storage Tank	430563 gallons			Flux Asphalt	8760 hr/yr (All Year)
EQT0035	T-10004 - Hydrocal Storage Tank	427398 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0036	T-10005 - Hydrocal Storage Tank	427438 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0037	T-10006 - Diesel Storage Tank	423555 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0038	T-10007 - Refrigeration Oil Tank	423179 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0039	T-10008 - Hydrocal Storage Tank	422962 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0040	T-10009 - Transformer Oil Tank	422960 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0041	T-1001 - Asphalt Storage Tank	40941 gallons			Asphalt Blend Lube Oil	8760 hr/yr (All Year)
EQT0042	T-10010 - Hydrocal Storage Tank	427801 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0043	T-10011 - Calsol Storage Tank	427801 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0044	T-10012 - Hydrocal Storage Tank	427412 gallons			Light Paraffinic Hytrotreated Lube Oil	8760 hr/yr (All Year)
EQT0045	T-10013 - Calsol Storage Tank	427412 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0046	T-10014 - Calsol Storage Tank	427412 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0047	T-10015 - Tech Grade Oil Tank	426003 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0048	T-10016 - Diesel Storage Tank	426619 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0049	T-10017 - Calsol Storage Tank	428457 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0050	T-10018 - Calsol Storage Tank	428387 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0051	T-10019 - Distillates Storage Tank	436398 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0052	T-1002 - Asphalt Storage Tank	40941 gallons			Flux Asphalt	8760 hr/yr (All Year)
EQT0053	T-10020 - Distillates Storage Tank	436398 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0054	T-10022 - Distillates Storage Tank	436768 gallons			Ligt Paraffinic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0055	T-10024 - Feed Stock Storage Tank	420000 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0056	T-10025 - Feed Stock Storage Tank	420000 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0057	T-10026 - Feed Stock Storage Tank	420000 gallons			Light Naphthenic Hydroteated Lube Oil	8760 hr/yr (All Year)
EQT0058	T-10027 - Blend Tank	420000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0059	T-1003 - Tech Grade Oil Tank	41947 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0060	T-1004 - Tech Grade Oil Tank	41947 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0061	T-1005 - Tech Grade Oil Tank	41947 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0062	T-1006 - Tech Grade Oil Tank	41947 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0063	T-1007 - Asphalt Storage Tank	42228 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0064	T-1008 - Transformer Oil Tank	42242 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0065	T-1009 - Hydrocal Storage Tank	42242 gallons			Heavy Naphthenic Hydrotreated	8760 hr/yr (All Year)

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INVENTORIES

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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
					Lube Oil	
EQT0066	T-1011 - Blend Tank	42000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0067	T-1070 - Rerun No. 2 Storage Tank	57302 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0068	T-1071 - Rerun No. 3 Storage Tank	57302 gallons			Overhead/Sidedraw/ Raw Light Distillate	8760 hr/yr (All Year)
EQT0069	T-12001 - Distillates Storage Tank	531319 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0070	T-1501 - Diesel Storage Tank	63224 gallons			Overhead/Sidedraw/ Raw Light Distillate	8760 hr/yr (All Year)
EQT0071	T-1502 - Diesel Storage Tank	63240 gallons			Overhead/Sidedraw/ Raw Light Distillate	8760 hr/yr (All Year)
EQT0072	T-1503 - Diesel Storage Tank	63236 gallons			Overhead/Sidedraw/ Raw Light Distillate	8760 hr/yr (All Year)
EQT0073	T-1504 - Diesel Storage Tank	64000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0074	T-1505 - Blend Tank	63000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0075	T-1506 - Blend Tank	63000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0076	T-1919 - Hydrocal Storage Tank	80594 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0077	T-20001 - Distillates Storage Tank	865040 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0078	T-20002 - Distillates Storage Tank	865660 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0079	T-20003 - Distillates Storage Tank	865346 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0080	T-20004 - Distillates Storage Tank	865905 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0081	T-20005 - Distillates Storage Tank	849323 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0082	T-20006 - Distillates Storage Tank	864002 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0083	T-2016 - Asphalt Storage Tank	54096 gallons			Coating Asphalt	8760 hr/yr (All Year)
EQT0084	T-2017 - Asphalt Storage Tank	84991 gallons			Coating Asphalt	8760 hr/yr (All Year)
EQT0085	T-2018 - Asphalt Storage Tank	85889 gallons			Coating Asphalt	8760 hr/yr (All Year)
EQT0086	T-202 - Rerun No. 1 Storage Tank	11594 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0087	T-2022 - Hydrocal Storage Tank	82560 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0088	T-2023 - Fuel Storage Tank	83849 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0089	T-2024 - Hydrocal Storage Tank	83258 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)

INVENTORIES

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Permit Number: 0400-00004-V4
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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0090	T-2025 - Hydrocal Storage Tank	90187 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0091	T-2026 - Fuel Storage Tank	99911 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0092	T-2027 - Calsol Storage Tank	102434 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0093	T-2028 - Lube Oil Storage Tank	101720 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0094	T-2029 - Lube Oil Storage Tank	87116 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0095	T-2030 - Lube Oil Storage Tank	86761 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0096	T-2031 - Calsol Storage Tank	84483 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0097	T-2032 - Calsol Storage Tank	84533 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0098	T-2033 - Calsol Storage Tank	84511 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0099	T-2034 - Hydrocal Storage Tank	84693 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0100	T-2041 - Calsol Storage Tank	86694 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0101	T-2042 - Calsol Storage Tank	86694 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0102	T-205 - Rerun No. 1 Storage Tank	11567 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0103	T-241 - Wild Naphtha Storage Tank	10200 gallons			Wild Naptha	8760 hr/yr (All Year)
EQT0104	T-250 - Rerun No. 2 Storage Tank	10866 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0105	T-2501 - Hydrocal Storage Tank	106862 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0106	T-2502 - Hydrocal Storage Tank	106786 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0107	T-2503 - Hydrocal Storage Tank	108114 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0108	T-2504 - Calsol Storage Tank	108114 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0109	T-260 - Naphthal Storage Tank	12145 gallons			Wild Naptha	8760 hr/yr (All Year)
EQT0110	T-270 - Diesel Storage Tank	11801 gallons			Diesel	8760 hr/yr (All Year)
EQT0111	T-28001 - Asphalt Storage Tank	27872 bbl			Flux Asphalt	8760 hr/yr (All Year)
EQT0112	T-3000 - Hydrocal Storage Tank	127253 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0113	T-3001 - Hydrocal Storage Tank	125542 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0114	T-301 - Misc.Lubes Storage Tank	13047 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)

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Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0115	T-302 - Misc. Lubes Storage Tank	13047 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0116	T-303 - Lube Oil Blending Tank	13843 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0117	T-304 - Lube Oil Blending Tank	13843 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0118	T-305 - Lube Oil Blending Tank	13843 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0119	T-306 - Lube Oil Blending Tank	13843 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0120	T-307 - Lube Oil Storage Tank	13758 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0121	T-308B - Lube Oil Storage Tank	13758 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0122	T-309 - Lube Oil Storage Tank	13758 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0123	T-310 - Lube Oil Storage Tank	13170 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0124	T-311 - Lube Oil Storage Tank	12695 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0127	H-100R - Hydrocal Heater		25 MM BTU/hr	25 MM BTU/hr		8760 hr/yr (All Year)
EQT0139	03-1 - A-Clay Silo Dust Collector			2000 SCFM		8760 hr/yr (All Year)
EQT0140	03-2 - Reactor Tank Dust Collector Cap			938 SCFM		8760 hr/yr (All Year)
EQT0141	03-2A - Reactor Tank Dust Collector 1			469 SCFM		8760 hr/yr (All Year)
EQT0142	03-2B - Reactor Tank Dust Collector 2			469 SCFM		8760 hr/yr (All Year)
EQT0143	03-3 - Reactor Tanks Scrubber			4 gallons/min		8760 hr/yr (All Year)
EQT0144	05-1 - Asphalt Heater C			13.5 MM BTU/hr		8760 hr/yr (All Year)
EQT0145	PH-13 - Crude Heater H-100B			16.8 MM BTU/hr		8760 hr/yr (All Year)
EQT0146	T-2505 - Storage Tank T-2505	10500 gallons				8760 hr/yr (All Year)
EQT0147	T-261 - Storage Tank T-261	12145 gallons			Wild Naptha	8760 hr/yr (All Year)
EQT0148	T-312 - Storage Tank T-312	13170 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0149	T-313 - Storage Tank T-313	15276 gallons			Lube	8760 hr/yr (All Year)
EQT0150	T-314 - Storage Tank T-314	15276 gallons			Lube	8760 hr/yr (All Year)
EQT0151	T-315 - Storage Tank T-315	12267 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0152	T-316 - Storage Tank T-316	12267 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0153	T-317 - Storage Tank T-317	12267 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0154	T-318 - Storage Tank T-318	12267 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0155	T-360 - Storage Tank T-360	15229 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)

INVENTORIES

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Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0156	T-361 - Storage Tank T-361	15229 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0157	T-362 - Storage Tank T-362	15229 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0158	T-363 - Storage Tank T-363	15229 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0159	T-375 - Storage Tank T-375	13464 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0160	T-376 - Storage Tank T-376	13464 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0161	T-40001 - Storage Tank T-40001	40157 bbl			Flux Asphalt	8760 hr/yr (All Year)
EQT0162	T-40002 - Storage Tank T-40002	39393 bbl			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0163	T-401 - Storage Tank T-401	15495 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0164	T-402 - Storage Tank T-402	15495 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0165	T-403 - Storage Tank T-403	15495 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0166	T-404 - Storage Tank T-404	15495 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0167	T-405 - Storage Tank T-405	15495 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0168	T-406 - Storage Tank T-406	15495 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0169	T-407 - Storage Tank T-407	16213 gallons			Heavy Naphthenic/ Paraffinic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0170	T-408 - Storage Tank T-408	16213 gallons			Light Paraffinic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0171	T-409 - Storage Tank T-409	17018 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0172	T-410 - Storage Tank T-410	17018 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0173	T-411 - Storage Tank T-411	17018 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0174	T-412 - Storage Tank T-412	17018 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0175	T-413 - Storage Tank T-413	16213 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0176	T-414 - Storage Tank T-414	16213 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0177	T-415 - Storage Tank T-415	17511 gallons			Motor Fuel Diesel	8760 hr/yr (All Year)
EQT0178	T-416 - Storage Tank T-416	15663 gallons			Overhead/Sidedraw/Raw Light Distillate	8760 hr/yr (All Year)
EQT0179	T-417 - Storage Tank T-417	15663 gallons			Overhead/Sidedraw/Raw Light Distillate	8760 hr/yr (All Year)
EQT0180	T-418 - Storage Tank T-418	15663 gallons			Overhead/Sidedraw/Raw Light Distillate	8760 hr/yr (All Year)
EQT0181	T-419 - Storage Tank T-419	15663 gallons			Overhead/Sidedraw/Raw Light Distillate	8760 hr/yr (All Year)
EQT0182	T-420 - Storage Tank T-420	15663 gallons			Overhead/Sidedraw/Raw Light	8760 hr/yr (All Year)

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
					Distillate	
EQT0183	T-421 - Storage Tank T-421	15663 gallons			Overhead/Sidedraw/Raw Light Distillate	8760 hr/yr (All Year)
EQT0184	T-422 - Storage Tank T-422	15663 gallons			Overhead/Sidedraw/Raw Light Distillate	8760 hr/yr (All Year)
EQT0185	T-45001 - Storage Tank T-45001	44802 bbl			Crude Oil	8760 hr/yr (All Year)
EQT0186	T-469 - Overhead and Sidedraw Bullet Tank	19992 gallons			Naphtha	8760 hr/yr (All Year)
EQT0187	T-501 - Storage Tank T-501	23872 gallons			NRLM Diesel	8760 hr/yr (All Year)
EQT0188	T-502 - Storage Tank T-502	23793 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0189	T-5050 - Storage Tank T-5050	213734 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0190	T-5051 - Storage Tank T-5051	214216 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0191	T-5052 - Storage Tank T-5052	216040 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0192	T-5053 - Storage Tank T-5053	216783 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0193	T-5054 - Storage Tank T-5054	216783 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0194	T-5055 - Storage Tank T-5055	217331 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0195	T-5056 - Storage Tank T-5056	217602 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0196	T-5057 - Storage Tank T-5057	215508 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0197	T-5058 - Storage Tank T-5058	215746 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0198	T-5059 - Storage Tank T-5059	213310 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0199	T-5060 - Storage Tank T-5060	213999 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0200	T-5061 - Storage Tank T-5061	213310 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0201	T-5062 - Storage Tank T-5062	213999 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0202	T-5063 - Storage Tank T-5063	211509 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0203	T-5064 - Storage Tank T-5064	211509 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0204	T-5065 - Storage Tank T-5065	214743 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0205	T-5066 - Storage Tank T-5066	214387 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0206	T-5067 - Storage Tank T-5067	214521 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0207	T-5068 - Storage Tank T-5068	179946 gallons			Wild Naphtha	8760 hr/yr (All Year)
EQT0208	T-5069 - Storage Tank T-5069	210000 gallons			Coating Asphalt	8760 hr/yr (All Year)
EQT0209	T-507 - Storage Tank T-507	23872 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0210	T-5070 - Storage Tank T-5070	210000 gallons			Coating Asphalt	8760 hr/yr (All Year)
EQT0211	T-5071 - Storage Tank T-5071	210000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0212	T-5072 - Storage Tank T-5072	210000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0213	T-508 - Storage Tank T-508	27663 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0214	T-509 - Storage Tank T-509	22921 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0215	T-513 - Storage Tank T-513	21491 gallons			Light Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0216	T-514 - Storage Tank T-514	21604 gallons			Hi Tec 4103 Cetane Improver	8760 hr/yr (All Year)
EQT0217	T-515 - Storage Tank T-515	20680 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0218	T-516 - Storage Tank T-516	20748 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0219	T-517 - Storage Tank T-517	23180 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0220	T-518 - Storage Tank T-518	23180 gallons			Heavy Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0221	T-519 - Storage Tank T-519	22725 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0222	T-520 - Storage Tank T-520	22725 gallons			Heavy Naphthenic Vacuum Distillate	8760 hr/yr (All Year)
EQT0223	T-529 - Storage Tank T-529	21000 gallons			Light Naphthenic Hydrotreated Lube Oil	8760 hr/yr (All Year)
EQT0224	T-55001 - Storage Tank T-55001	55528 bbl			Crude Oil	8760 hr/yr (All Year)
EQT0225	T-57001 - Storage Tank T-57001	56505 bbl			Crude Oil	8760 hr/yr (All Year)
EQT0226	T-751 - Storage Tank T-751	31682 gallons			Asphalt Blend Lube Oil	8760 hr/yr (All Year)
EQT0227	T-752 - Storage Tank T-752	31682 gallons			Asphalt Blend Lube Oil	8760 hr/yr (All Year)
EQT0228	T-753 - Storage Tank T-753	31682 gallons			Asphalt Blend Lube Oil	8760 hr/yr (All Year)
EQT0229	T-96-4 - Refinery Gasoline Tank	500 gallons			Gasoline	8760 hr/yr (All Year)
EQT0230	T-96-5 - Refinery Gasoline Storage Tank	500 gallons			Gasoline	8760 hr/yr (All Year)
EQT0231	T-AG1 - Storage Tank T-AG1	13656 gallons			Diesel	8760 hr/yr (All Year)
EQT0232	T-AG2 - Storage Tank T-AG2	13656 gallons			Diesel	8760 hr/yr (All Year)
EQT0233	H-100A - Hydrocal Heater		25 MM BTU/hr	25 MM BTU/hr		8760 hr/yr (All Year)
EQT0234	07-1 - White Oil Hydrotreater Heater		2.7 MM BTU/hr	2.7 MM BTU/hr		8760 hr/yr (All Year)
EQT0235	07-2 - Tank Heaters		16.8 MM BTU/hr	16.8 MM BTU/hr		8760 hr/yr (All Year)
EQT0236	07-3 - Hydrogen Plant Heater		15 MM BTU/hr	15 MM BTU/hr		8760 hr/yr (All Year)
EQT0237	07-4 - PDA Heater		2.7 MM BTU/hr	2.7 MM BTU/hr		8760 hr/yr (All Year)

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0238	T-10028 - Storage Tank T-10028	420000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0239	T-10029 - Storage Tank T-10029	420000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0240	T-10030 - Storage Tank T-10030	420000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0241	T-10031 - Storage Tank T-10031	420000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0242	T-10032 - Storage Tank T-10032	420000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0243	T-10033 - Storage Tank T-10033	420000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0244	T-20008 - Storage Tank T-20008	840000 gallons			Deasphalted Oil	8760 hr/yr (All Year)
EQT0245	T-20009 - Storage Tank T-20009	840000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0246	T-20010 - Storage Tank T-20010	840000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0247	T-20011 - Storage Tank T-20011	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0248	T-20012 - Storage Tank T-20012	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0249	T-20013 - Storage Tank T-20013	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0250	T-20014 - Storage Tank T-20014	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0251	T-20015 - Storage Tank T-20015	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0252	T-20016 - Storage Tank T-20016	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0253	T-20017 - Storage Tank T-20017	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0254	T-20018 - Storage Tank T-20018	840000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0255	T-2506 - Storage Tank T-2506	105000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0256	T-2507 - Storage Tank T-2507	105000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0257	T-2508 - Storage Tank T-2508	105000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0258	T-2509 - Storage Tank T-2509	105000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0259	T-5073 - Storage Tank T-5073	210000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0260	T-5074 - Storage Tank T-5074	210000 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0261	T-5075 - Storage Tank T-5075	210000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0262	T-5076 - Storage Tank T-5076	210000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0263	T-5077 - Storage Tank T-5077	210000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0264	T-5078 - Storage Tank T-5078	210000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0265	T-5079 - Storage Tank T-5079	210000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0266	T-20007 - Storage Tank T-20007	210000 gallons			Deasphalted Oil	8760 hr/yr (All Year)
EQT0267	T-423 - Lube Oil Tank	16800 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0268	T-424 - Lube Oil Tank	16800 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0269	T-425 - Lube Oil Tank	16800 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0270	T-426 - Lube Oil Tank	16800 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0271	T-427 - Lube Oil Tank	16800 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0272	T-428 - Lube Oil Tank	16800 gallons			Lube Oil	8760 hr/yr (All Year)
EQT0273	05-1A - Asphalt Oxidizer C					8760 hr/yr (All Year)
EQT0274	05-1B - Asphalt Oxidizer D					8760 hr/yr (All Year)
EQT0275	PH-18A - Asphalt Oxidizer A					8760 hr/yr (All Year)
EQT0276	93-4A - Asphalt Oxidizer B					8760 hr/yr (All Year)
EQT0277	T-10034 - Storage Tank T-10034	420000 gallons			Asphalt	8760 hr/yr (All Year)

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0278	T-10035 - Storage Tank T-10035	420000 gallons			Asphalt	8760 hr/yr (All Year)
EQT0279	TK1 - Propane Tank	30000 gallons			Propane	8760 hr/yr (All Year)
EQT0280	TK2 - Propane Tank	30000 gallons			Propane	8760 hr/yr (All Year)
FUG0001	94-3 - Fugitive Emissions					8760 hr/yr (All Year)
FUG0002	WWT-1 - Wastewater Fugitive Emissions					8760 hr/yr (All Year)
RLP0009	94-4A - Rerun Unit Ejector Vent			602250 bbl/yr		8760 hr/yr (All Year)
RLP0010	94-4B - Rerun Ejector Vent			602250 bbl/yr		8760 hr/yr (All Year)
RLP0011	94-4C - Crude Unit EjectorVent			3.65 MM bbl/yr		8760 hr/yr (All Year)
RLP0012	94-4D - Crude Unit EjectorVent			3.65 MM bbl/yr		8760 hr/yr (All Year)

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INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0003	SB-3 - Erie City Boiler No. 3		16434	2.5		40	440
EQT0004	SB-4 - Boiler No. 4		15670	3		50	333
EQT0005	PH-5 - Atmospheric Tower Reboiler H-1		5478	4		29	900
EQT0006	PH-14 - Hydrocal Heater H-100		2769	2.7		49	450
EQT0007	PH-15 - FDU3 Heater (Final Distillation Unit No. 3)		6206	3		54	450
EQT0009	PH-19 - Vacuum Tower Heater B-102		4802	2.3		69	400
EQT0010	PH-20 - Vacuum Tower Heater B-202		2443	2.3		63	415
EQT0011	PH-21 - Hydrocal Heater H-101		1765	1.8		97.7	550
EQT0012	PH-22 - Hydrocal Heater H-102		2123	1.7		45	660
EQT0013	PH-23 - Hydrocal Heater H-103		2882	2		50	725
EQT0014	PH-24 - Sulfur Plant Incinerator H-301		1692	2		100	820
EQT0015	PH-25 - Hydrocal Unit No. 1 Flare		6711	.8		100	300
EQT0016	PH-26 - Hydrocal Unit No. 2 Ejector Vent		23.4	.13		115	100
EQT0017	PH-27 - Reformer Furnace H-101		15550	2.5		145	300
EQT0019	93-1 - Crude Heater H-100A		5462	2.5		52	625
EQT0020	93-2 - Hydrocal H-104 Heater		1962	2.33		45	450
EQT0021	93-3 - FDU2 Heater (Final Distillation No. 2)		11848	4		45	1000
EQT0022	93-4 - Asphalt Heater B		6253	2.5		30	420
EQT0023	93-5 - Asphalt Tank Heaters (Combined)						
EQT0030	96-3 - Emergency Fire Water Pump		221.6	.33		12	1000
EQT0031	98-1 - Heater		6253	2.5		30	450
EQT0032	98-2 - Heater		1500	2		31	450
EQT0033	00-1 - Crude Unit E.V. Flare		6711	.8		100	300
EQT0034	T-10003 - Asphalt Storage Tank			.3		30	
EQT0035	T-10004 - Hydrocal Storage Tank			.3		36	
EQT0036	T-10005 - Hydrocal Storage Tank			.3		36	
EQT0037	T-10006 - Diesel Storage Tank			.3		36	
EQT0038	T-10007 - Refrigeration Oil Tank			.3		36	
EQT0039	T-10008 - Hydrocal Storage Tank			.3		36	
EQT0040	T-10009 - Transformer Oil Tank			.3		36	
EQT0041	T-1001 - Asphalt Storage Tank			.3		20	
EQT0042	T-10010 - Hydrocal Storage Tank			.3		30	
EQT0043	T-10011 - Calsol Storage Tank			.3		30	
EQT0044	T-10012 - Hydrocal Storage Tank			.3		30	

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0045	T-10013 - Calsol Storage Tank			.3		31	
EQT0046	T-10014 - Calsol Storage Tank			.3		30	
EQT0047	T-10015 - Tech Grade Oil Tank			.3		40	
EQT0048	T-10016 - Diesel Storage Tank			.3		36	
EQT0049	T-10017 - Calsol Storage Tank			.3		36	
EQT0050	T-10018 - Calsol Storage Tank			.3		36	
EQT0051	T-10019 - Distillates Storage Tank			.3		32	
EQT0052	T-1002 - Asphalt Storage Tank			.3		20	
EQT0053	T-10020 - Distillates Storage Tank			.3		32	
EQT0054	T-10022 - Distillates Storage Tank			.3		32	
EQT0055	T-10024 - Feed Stock Storage Tank			50		30	
EQT0056	T-10025 - Feed Stock Storage Tank			50		30	
EQT0057	T-10026 - Feed Stock Storage Tank			50		30	
EQT0058	T-10027 - Blend Tank			50		30	
EQT0059	T-1003 - Tech Grade Oil Tank			.3		18	
EQT0060	T-1004 - Tech Grade Oil Tank			.3		18	
EQT0061	T-1005 - Tech Grade Oil Tank			.3		18	
EQT0062	T-1006 - Tech Grade Oil Tank			.3		18	
EQT0063	T-1007 - Asphalt Storage Tank			.3		18	
EQT0064	T-1008 - Transformer Oil Tank			.3		18	
EQT0065	T-1009 - Hydrocal Storage Tank			.3		18	
EQT0066	T-1011 - Blend Tank			20		18	
EQT0067	T-1070 - Rerun No. 2 Storage Tank			.3		17	
EQT0068	T-1071 - Rerun No. 3 Storage Tank			.3		17	
EQT0069	T-12001 - Distillates Storage Tank			.3		29	
EQT0070	T-1501 - Diesel Storage Tank			.3		18	
EQT0071	T-1502 - Diesel Storage Tank			.3		18	
EQT0072	T-1503 - Diesel Storage Tank			.3		18	
EQT0073	T-1504 - Diesel Storage Tank			.3		14	
EQT0074	T-1505 - Blend Tank			25		18	
EQT0075	T-1506 - Blend Tank			25		18	
EQT0076	T-1919 - Hydrocal Storage Tank			.3		16	
EQT0077	T-20001 - Distillates Storage Tank			.3		40	
EQT0078	T-20002 - Distillates Storage Tank			.3		40	

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INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0079	T-20003 - Distillates Storage Tank			.3		40	
EQT0080	T-20004 - Distillates Storage Tank			.3		40	
EQT0081	T-20005 - Distillates Storage Tank			.3		40	
EQT0082	T-20006 - Distillates Storage Tank			.3		40	
EQT0083	T-2016 - Asphalt Storage Tank			.3		25	
EQT0084	T-2017 - Asphalt Storage Tank			.3		24	
EQT0085	T-2018 - Asphalt Storage Tank			.3		24	
EQT0086	T-202 - Rerun No. 1 Storage Tank			.3		15	
EQT0087	T-2022 - Hydrocal Storage Tank			.3		25	
EQT0088	T-2023 - Fuel Storage Tank			.3		25	
EQT0089	T-2024 - Hydrocal Storage Tank			.3		25	
EQT0090	T-2025 - Hydrocal Storage Tank			.3		18	
EQT0091	T-2026 - Fuel Storage Tank			.3		18	
EQT0092	T-2027 - Calsol Storage Tank			.3		20	
EQT0093	T-2028 - Lube Oil Storage Tank			.3		20	
EQT0094	T-2029 - Lube Oil Storage Tank			.3		25	
EQT0095	T-2030 - Lube Oil Storage Tank			.3		25	
EQT0096	T-2031 - Calsol Storage Tank			.3		24	
EQT0097	T-2032 - Calsol Storage Tank			.3		24	
EQT0098	T-2033 - Calsol Storage Tank			.3		24	
EQT0099	T-2034 - Hydrocal Storage Tank			.3		24	
EQT0100	T-2041 - Calsol Storage Tank			.3		24	
EQT0101	T-2042 - Calsol Storage Tank			.3		24	
EQT0102	T-205 - Rerun No. 1 Storage Tank			.3		15	
EQT0103	T-241 - Wild Naphtha Storage Tank			.3		9	
EQT0104	T-250 - Rerun No. 2 Storage Tank			.3		18	
EQT0105	T-2501 - Hydrocal Storage Tank			.3		18	
EQT0106	T-2502 - Hydrocal Storage Tank			.3		18	
EQT0107	T-2503 - Hydrocal Storage Tank			.3		30	
EQT0108	T-2504 - Calsol Storage Tank			.3		30	
EQT0109	T-260 - Naphthal Storage Tank			.3		20	
EQT0110	T-270 - Diesel Storage Tank			.3		23	
EQT0111	T-28001 - Asphalt Storage Tank			.3		47	
EQT0112	T-3000 - Hydrocal Storage Tank			.3		25	

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0113	T-3001 - Hydrocal Storage Tank			.3		24	
EQT0114	T-301 - Misc.Lubes Storage Tank			.3		20	
EQT0115	T-302 - Misc. Lubes Storage Tank			.3		20	
EQT0116	T-303 - Lube Oil Blending Tank			.3		20	
EQT0117	T-304 - Lube Oil Blending Tank			.3		20	
EQT0118	T-305 - Lube Oil Blending Tank			.3		20	
EQT0119	T-306 - Lube Oil Blending Tank			.3		20	
EQT0120	T-307 - Lube Oil Storage Tank			.3		23	
EQT0121	T-308B - Lube Oil Storage Tank			.3		23	
EQT0122	T-309 - Lube Oil Storage Tank			.3		23	
EQT0123	T-310 - Lube Oil Storage Tank			.3		22	
EQT0124	T-311 - Lube Oil Storage Tank			.3		23	
EQT0127	H-100R - Hydrocal Heater	8.3	2769	2.7		49	450
EQT0143	03-3 - Reactor Tanks Scrubber	36.1	6800	2		21	100
EQT0144	05-1 - Asphalt Heater C	51.15	7738	2.5		30	537
EQT0145	PH-13 - Crude Heater H-100B	15	6206	3		54	450
EQT0146	T-2505 - Storage Tank T-2505			.3		30	
EQT0147	T-261 - Storage Tank T-261			.3		20	
EQT0148	T-312 - Storage Tank T-312			.3		22	
EQT0149	T-313 - Storage Tank T-313			.3		26	
EQT0150	T-314 - Storage Tank T-314			.3		26	
EQT0151	T-315 - Storage Tank T-315			.3		15	
EQT0152	T-316 - Storage Tank T-316			.3		15	
EQT0153	T-317 - Storage Tank T-317			.3		15	
EQT0154	T-318 - Storage Tank T-318			.3		15	
EQT0155	T-360 - Storage Tank T-360			.3		18	
EQT0156	T-361 - Storage Tank T-361			.3		18	
EQT0157	T-362 - Storage Tank T-362			.3		18	
EQT0158	T-363 - Storage Tank T-363			.3		18	
EQT0159	T-375 - Storage Tank T-375			.3		23	
EQT0160	T-376 - Storage Tank T-376			.3		23	
EQT0161	T-40001 - Storage Tank T-40001			.3		45	
EQT0162	T-40002 - Storage Tank T-40002			.3		44	
EQT0163	T-401 - Storage Tank T-401			.3		18	

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0164	T-402 - Storage Tank T-402			.3		18	
EQT0165	T-403 - Storage Tank T-403			.3		18	
EQT0166	T-404 - Storage Tank T-404			.3		18	
EQT0167	T-405 - Storage Tank T-405			.3		18	
EQT0168	T-406 - Storage Tank T-406			.3		18	
EQT0169	T-407 - Storage Tank T-407			.3		19	
EQT0170	T-408 - Storage Tank T-408			.3		19	
EQT0171	T-409 - Storage Tank T-409			.3		20	
EQT0172	T-410 - Storage Tank T-410			.3		20	
EQT0173	T-411 - Storage Tank T-411			.3		20	
EQT0174	T-412 - Storage Tank T-412			.3		20	
EQT0175	T-413 - Storage Tank T-413			.3		19	
EQT0176	T-414 - Storage Tank T-414			.3		19	
EQT0177	T-415 - Storage Tank T-415			.3		31	
EQT0178	T-416 - Storage Tank T-416			.3		18	
EQT0179	T-417 - Storage Tank T-417			.3		18	
EQT0180	T-418 - Storage Tank T-418			.3		18	
EQT0181	T-419 - Storage Tank T-419			.3		18	
EQT0182	T-420 - Storage Tank T-420			.3		18	
EQT0183	T-421 - Storage Tank T-421			.3		18	
EQT0184	T-422 - Storage Tank T-422			.3		18	
EQT0185	T-45001 - Storage Tank T-45001			.3		35	
EQT0186	T-469 - Overhead and Sidedraw Bullet Tank			.3		20	
EQT0187	T-501 - Storage Tank T-501			.3		18	
EQT0188	T-502 - Storage Tank T-502			.3		18	
EQT0189	T-5050 - Storage Tank T-5050			.3		30	
EQT0190	T-5051 - Storage Tank T-5051			.3		30	
EQT0191	T-5052 - Storage Tank T-5052			.3		30	
EQT0192	T-5053 - Storage Tank T-5053			.3		30	
EQT0193	T-5054 - Storage Tank T-5054			.3		30	
EQT0194	T-5055 - Storage Tank T-5055			.3		30	
EQT0195	T-5056 - Storage Tank T-5056			.3		30	
EQT0196	T-5057 - Storage Tank T-5057			.3		30	
EQT0197	T-5058 - Storage Tank T-5058			.3		30	

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0198	T-5059 - Storage Tank T-5059			.3		30	
EQT0199	T-5060 - Storage Tank T-5060			.3		30	
EQT0200	T-5061 - Storage Tank T-5061			.3		30	
EQT0201	T-5062 - Storage Tank T-5062			.3		30	
EQT0202	T-5063 - Storage Tank T-5063			.3		40	
EQT0203	T-5064 - Storage Tank T-5064			.3		32	
EQT0204	T-5065 - Storage Tank T-5065			.3		32	
EQT0205	T-5066 - Storage Tank T-5066			.3		32	
EQT0206	T-5067 - Storage Tank T-5067			.3		32	
EQT0207	T-5068 - Storage Tank T-5068			.3		26	
EQT0208	T-5069 - Storage Tank T-5069			.3		32	
EQT0209	T-507 - Storage Tank T-507			.3		18	
EQT0210	T-5070 - Storage Tank T-5070			.3		32	
EQT0211	T-5071 - Storage Tank T-5071			.3		32	
EQT0212	T-5072 - Storage Tank T-5072			.3		32	
EQT0213	T-508 - Storage Tank T-508			.3		18	
EQT0214	T-509 - Storage Tank T-509			.3		12	
EQT0215	T-513 - Storage Tank T-513			.3		15	
EQT0216	T-514 - Storage Tank T-514			.3		15	
EQT0217	T-515 - Storage Tank T-515			.3		16	
EQT0218	T-516 - Storage Tank T-516			.3		16	
EQT0219	T-517 - Storage Tank T-517			.3		39	
EQT0220	T-518 - Storage Tank T-518			.3		39	
EQT0221	T-519 - Storage Tank T-519			.3		35	
EQT0222	T-520 - Storage Tank T-520			.3		35	
EQT0223	T-529 - Storage Tank T-529			.3		20	
EQT0224	T-55001 - Storage Tank T-55001			.3		32	
EQT0225	T-57001 - Storage Tank T-57001			.3		34	
EQT0226	T-751 - Storage Tank T-751			.3		24	
EQT0227	T-752 - Storage Tank T-752			.3		24	
EQT0228	T-753 - Storage Tank T-753			.3		24	
EQT0229	T-96-4 - Refinery Gasoline Tank			.3		5	
EQT0230	T-96-5 - Refinery Gasoline Storage Tank			.3		5	
EQT0231	T-AG1 - Storage Tank T-AG1			.3		22	

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0232	T-AG2 - Storage Tank T-AG2			.3		22	
EQT0233	H-100A - Hydrocal Heater	8.3	2769	2.7		49	450
EQT0234	07-1 - White Oil Hydrotreater Heater	8	1500		2	31	450
EQT0235	07-2 - Tank Heaters						
EQT0236	07-3 - Hydrogen Plant Heater	15	6206		3	54	450
EQT0237	07-4 - PDA Heater	8	1500		2	31	450
EQT0238	T-10028 - Storage Tank T-10028				1	32	120
EQT0239	T-10029 - Storage Tank T-10029				1	32	120
EQT0240	T-10030 - Storage Tank T-10030				1	32	120
EQT0241	T-10031 - Storage Tank T-10031				1	32	120
EQT0242	T-10032 - Storage Tank T-10032				1	32	120
EQT0243	T-10033 - Storage Tank T-10033				1	32	120
EQT0244	T-20008 - Storage Tank T-20008				1	42	200
EQT0245	T-20009 - Storage Tank T-20009				1	42	350
EQT0246	T-20010 - Storage Tank T-20010				1	42	350
EQT0247	T-20011 - Storage Tank T-20011				1	42	120
EQT0248	T-20012 - Storage Tank T-20012				1	42	120
EQT0249	T-20013 - Storage Tank T-20013				1	42	120
EQT0250	T-20014 - Storage Tank T-20014				1	42	120
EQT0251	T-20015 - Storage Tank T-20015				1	42	120
EQT0252	T-20016 - Storage Tank T-20016				1	42	120
EQT0253	T-20017 - Storage Tank T-20017				1	42	120
EQT0254	T-20018 - Storage Tank T-20018				1	42	120
EQT0255	T-2506 - Storage Tank T-2506				1	31	180
EQT0256	T-2507 - Storage Tank T-2507				1	31	180
EQT0257	T-2508 - Storage Tank T-2508				1	31	180
EQT0258	T-2509 - Storage Tank T-2509				1	31	180
EQT0259	T-5073 - Storage Tank T-5073				1	34	180
EQT0260	T-5074 - Storage Tank T-5074				1	34	180
EQT0261	T-5075 - Storage Tank T-5075				1	34	350
EQT0262	T-5076 - Storage Tank T-5076				1	34	180
EQT0263	T-5077 - Storage Tank T-5077				1	34	180
EQT0264	T-5078 - Storage Tank T-5078				1	34	180
EQT0265	T-5079 - Storage Tank T-5079				1	34	350

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT0266	T-20007 - Storage Tank T-20007				1	42	200
EQT0267	T-423 - Lube Oil Tank				.3	20	
EQT0268	T-424 - Lube Oil Tank				.3	20	
EQT0269	T-425 - Lube Oil Tank				.3	20	
EQT0270	T-426 - Lube Oil Tank				.3	20	
EQT0271	T-427 - Lube Oil Tank				.3	20	
EQT0272	T-428 - Lube Oil Tank				.3	20	
EQT0273	05-1A - Asphalt Oxidizer C						
EQT0274	05-1B - Asphalt Oxidizer D						
EQT0275	PH-18A - Asphalt Oxidizer A						
EQT0276	93-4A - Asphalt Oxidizer B						
EQT0277	T-10034 - Storage Tank T-10034			.3		18	
EQT0278	T-10035 - Storage Tank T-10035			.3		18	
EQT0279	TK1 - Propane Tank						
EQT0280	TK2 - Propane Tank						

Relationships:

ID	Description	Relationship	ID	Description
EQT0016	PH-26 - Hydrocal Unit No. 2 Ejector Vent	Vents to	EQT0015	PH-25 - Hydrocal Unit No. 1 Flare
EQT0159	T-375 - Storage Tank T-375	Vents to	EQT0143	03-3 - Reactor Tanks Scrubber
EQT0160	T-376 - Storage Tank T-376	Vents to	EQT0143	03-3 - Reactor Tanks Scrubber
EQT0186	T-469 - Overhead and Sidedraw Bullet Tank	Vents to	EQT0033	00-1 - Crude Unit E.V. Flare
EQT0273	05-1A: Asphalt Oxidizer C	Vents to	EQT0144	05-1 - Asphalt Heater C
EQT0274	05-1B: Asphalt Oxidizer D	Vents to	EQT0144	05-1 - Asphalt Heater C
EQT0276	93-4A: Asphalt Oxidizer B	Vents to	EQT0022	93-4 - Asphalt Heater B
RLP0011	94-4C - Crude Unit EjectorVent	Vents to	EQT0033	00-1 - Crude Unit E.V. Flare
RLP0012	94-4D - Crude Unit EjectorVent	Vents to	EQT0033	00-1 - Crude Unit E.V. Flare

Subject Item Groups:

ID	Group Type	Group Description
GRP0004	Permitted Total	-
GRP0005	Equipment Group	ASPHALTCAP - ASPHALTCAP

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0003	SB-3 - Erie City Boiler No. 3	GRP0000000004
EQT0004	SB-4 - Boiler No. 4	GRP0000000004
EQT0005	PH-5 - Atmospheric Tower Reboiler H-1	GRP0000000004
EQT0006	PH-14 - Hydrocal Heater H-100	GRP0000000004
EQT0007	PH-15 - FDU3 Heater (Final Distillation Unit No. 3)	GRP0000000004
EQT0009	PH-19 - Vacuum Tower Heater B-102	GRP0000000004
EQT0010	PH-20 - Vacuum Tower Heater B-202	GRP0000000004
EQT0011	PH-21 - Hydrocal Heater H-101	GRP0000000004
EQT0012	PH-22 - Hydrocal Heater H-102	GRP0000000004
EQT0013	PH-23 - Hydrocal Heater H-103	GRP0000000004
EQT0014	PH-24 - Sulfur Plant Incinerator H-301	GRP0000000004
EQT0015	PH-25 - Hydrocal Unit No. 1 Flare	GRP0000000004
EQT0016	PH-26 - Hydrocal Unit No. 2 Ejector Vent	GRP0000000004
EQT0017	PH-27 - Reformer Furnace H-101	GRP0000000004
EQT0019	93-1 - Crude Heater H-100A	GRP0000000004
EQT0020	93-2 - Hydrocal H-104 Heater	GRP0000000004
EQT0021	93-3 - FDU2 Heater (Final Distillation No. 2)	GRP0000000004
EQT0022	93-4 - Asphalt Heater B	GRP0000000004, GRP0000000005
EQT0023	93-5 - Asphalt Tank Heaters (Combined)	GRP0000000004
EQT0024	94-1A - ENQUIP Oil/Water Separator	GRP0000000004
EQT0025	94-1B - WEMCO-A Oil/Water Separator	GRP0000000004
EQT0026	94-1C - WEMCO-B Oil/Water Separator	GRP0000000004
EQT0027	94-2 - Cooling Towers	GRP0000000004
EQT0028	96-1 - Tank Truck Loading	GRP0000000004
EQT0029	96-2 - Railroad Tank Car Loading	GRP0000000004
EQT0030	96-3 - Emergency Fire Water Pump	GRP0000000004
EQT0031	98-1 - Heater	GRP0000000004
EQT0032	98-2 - Heater	GRP0000000004
EQT0033	00-1 - Crude Unit E.V. Flare	GRP0000000004
EQT0034	T-10003 - Asphalt Storage Tank	GRP0000000004
EQT0035	T-10004 - Hydrocal Storage Tank	GRP0000000004
EQT0036	T-10005 - Hydrocal Storage Tank	GRP0000000004
EQT0037	T-10006 - Diesel Storage Tank	GRP0000000004
EQT0038	T-10007 - Refrigeration Oil Tank	GRP0000000004
EQT0039	T-10008 - Hydrocal Storage Tank	GRP0000000004
EQT0040	T-10009 - Transformer Oil Tank	GRP0000000004
EQT0041	T-1001 - Asphalt Storage Tank	GRP0000000004
EQT0042	T-10010 - Hydrocal Storage Tank	GRP0000000004
EQT0043	T-10011 - Calsol Storage Tank	GRP0000000004
EQT0044	T-10012 - Hydrocal Storage Tank	GRP0000000004
EQT0045	T-10013 - Calsol Storage Tank	GRP0000000004
EQT0046	T-10014 - Calsol Storage Tank	GRP0000000004
EQT0047	T-10015 - Tech Grade Oil Tank	GRP0000000004

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INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0048	T-10016 - Diesel Storage Tank	GRP0000000004
EQT0049	T-10017 - Calsol Storage Tank	GRP0000000004
EQT0050	T-10018 - Calsol Storage Tank	GRP0000000004
EQT0051	T-10019 - Distillates Storage Tank	GRP0000000004
EQT0052	T-1002 - Asphalt Storage Tank	GRP0000000004
EQT0053	T-10020 - Distillates Storage Tank	GRP0000000004
EQT0054	T-10022 - Distillates Storage Tank	GRP0000000004
EQT0055	T-10024 - Feed Stock Storage Tank	GRP0000000004
EQT0056	T-10025 - Feed Stock Storage Tank	GRP0000000004
EQT0057	T-10026 - Feed Stock Storage Tank	GRP0000000004
EQT0058	T-10027 - Blend Tank	GRP0000000004
EQT0059	T-1003 - Tech Grade Oil Tank	GRP0000000004
EQT0060	T-1004 - Tech Grade Oil Tank	GRP0000000004
EQT0061	T-1005 - Tech Grade Oil Tank	GRP0000000004
EQT0062	T-1006 - Tech Grade Oil Tank	GRP0000000004
EQT0063	T-1007 - Asphalt Storage Tank	GRP0000000004
EQT0064	T-1008 - Transformer Oil Tank	GRP0000000004
EQT0065	T-1009 - Hydrocal Storage Tank	GRP0000000004
EQT0066	T-1011 - Blend Tank	GRP0000000004
EQT0067	T-1070 - Rerun No. 2 Storage Tank	GRP0000000004
EQT0068	T-1071 - Rerun No. 3 Storage Tank	GRP0000000004
EQT0069	T-12001 - Distillates Storage Tank	GRP0000000004
EQT0070	T-1501 - Diesel Storage Tank	GRP0000000004
EQT0071	T-1502 - Diesel Storage Tank	GRP0000000004
EQT0072	T-1503 - Diesel Storage Tank	GRP0000000004
EQT0073	T-1504 - Diesel Storage Tank	GRP0000000004
EQT0074	T-1505 - Blend Tank	GRP0000000004
EQT0075	T-1506 - Blend Tank	GRP0000000004
EQT0076	T-1919 - Hydrocal Storage Tank	GRP0000000004
EQT0077	T-20001 - Distillates Storage Tank	GRP0000000004
EQT0078	T-20002 - Distillates Storage Tank	GRP0000000004
EQT0079	T-20003 - Distillates Storage Tank	GRP0000000004
EQT0080	T-20004 - Distillates Storage Tank	GRP0000000004
EQT0081	T-20005 - Distillates Storage Tank	GRP0000000004
EQT0082	T-20006 - Distillates Storage Tank	GRP0000000004
EQT0083	T-2016 - Asphalt Storage Tank	GRP0000000004
EQT0084	T-2017 - Asphalt Storage Tank	GRP0000000004
EQT0085	T-2018 - Asphalt Storage Tank	GRP0000000004
EQT0086	T-202 - Rerun No. 1 Storage Tank	GRP0000000004
EQT0087	T-2022 - Hydrocal Storage Tank	GRP0000000004
EQT0088	T-2023 - Fuel Storage Tank	GRP0000000004
EQT0089	T-2024 - Hydrocal Storage Tank	GRP0000000004
EQT0090	T-2025 - Hydrocal Storage Tank	GRP0000000004

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0091	T-2026 - Fuel Storage Tank	GRP0000000004
EQT0092	T-2027 - Calsol Storage Tank	GRP0000000004
EQT0093	T-2028 - Lube Oil Storage Tank	GRP0000000004
EQT0094	T-2029 - Lube Oil Storage Tank	GRP0000000004
EQT0095	T-2030 - Lube Oil Storage Tank	GRP0000000004
EQT0096	T-2031 - Calsol Storage Tank	GRP0000000004
EQT0097	T-2032 - Calsol Storage Tank	GRP0000000004
EQT0098	T-2033 - Calsol Storage Tank	GRP0000000004
EQT0099	T-2034 - Hydrocal Storage Tank	GRP0000000004
EQT0100	T-2041 - Calsol Storage Tank	GRP0000000004
EQT0101	T-2042 - Calsol Storage Tank	GRP0000000004
EQT0102	T-205 - Rerun No. 1 Storage Tank	GRP0000000004
EQT0103	T-241 - Wild Naphtha Storage Tank	GRP0000000004
EQT0104	T-250 - Rerun No. 2 Storage Tank	GRP0000000004
EQT0105	T-2501 - Hydrocal Storage Tank	GRP0000000004
EQT0106	T-2502 - Hydrocal Storage Tank	GRP0000000004
EQT0107	T-2503 - Hydrocal Storage Tank	GRP0000000004
EQT0108	T-2504 - Calsol Storage Tank	GRP0000000004
EQT0109	T-260 - Naphthal Storage Tank	GRP0000000004
EQT0110	T-270 - Diesel Storage Tank	GRP0000000004
EQT0111	T-28001 - Asphalt Storage Tank	GRP0000000004
EQT0112	T-3000 - Hydrocal Storage Tank	GRP0000000004
EQT0113	T-3001 - Hydrocal Storage Tank	GRP0000000004
EQT0114	T-301 - Misc.Lubes Storage Tank	GRP0000000004
EQT0115	T-302 - Misc. Lubes Storage Tank	GRP0000000004
EQT0116	T-303 - Lube Oil Blending Tank	GRP0000000004
EQT0117	T-304 - Lube Oil Blending Tank	GRP0000000004
EQT0118	T-305 - Lube Oil Blending Tank	GRP0000000004
EQT0119	T-306 - Lube Oil Blending Tank	GRP0000000004
EQT0120	T-307 - Lube Oil Storage Tank	GRP0000000004
EQT0121	T-308B - Lube Oil Storage Tank	GRP0000000004
EQT0122	T-309 - Lube Oil Storage Tank	GRP0000000004
EQT0123	T-310 - Lube Oil Storage Tank	GRP0000000004
EQT0124	T-311 - Lube Oil Storage Tank	GRP0000000004
EQT0127	H-100R - Hydrocal Heater	GRP0000000004
EQT0139	03-1 - A-Clay Silo Dust Collector	GRP0000000004
EQT0140	03-2 - Reactor Tank Dust Collector Cap	GRP0000000004
EQT0141	03-2A - Reactor Tank Dust Collector 1	GRP0000000004
EQT0142	03-2B - Reactor Tank Dust Collector 2	GRP0000000004
EQT0143	03-3 - Reactor Tanks Scrubber	GRP0000000004
EQT0144	05-1 - Asphalt Heater C	GRP0000000004, GRP0000000005
EQT0145	PH-13 - Crude Heater H-100B	GRP0000000004
EQT0146	T-2505 - Storage Tank T-2505	GRP0000000004

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0147	T-261 - Storage Tank T-261	GRP0000000004
EQT0148	T-312 - Storage Tank T-312	GRP0000000004
EQT0149	T-313 - Storage Tank T-313	GRP0000000004
EQT0150	T-314 - Storage Tank T-314	GRP0000000004
EQT0151	T-315 - Storage Tank T-315	GRP0000000004
EQT0152	T-316 - Storage Tank T-316	GRP0000000004
EQT0153	T-317 - Storage Tank T-317	GRP0000000004
EQT0154	T-318 - Storage Tank T-318	GRP0000000004
EQT0155	T-360 - Storage Tank T-360	GRP0000000004
EQT0156	T-361 - Storage Tank T-361	GRP0000000004
EQT0157	T-362 - Storage Tank T-362	GRP0000000004
EQT0158	T-363 - Storage Tank T-363	GRP0000000004
EQT0159	T-375 - Storage Tank T-375	GRP0000000004
EQT0160	T-376 - Storage Tank T-376	GRP0000000004
EQT0161	T-40001 - Storage Tank T-40001	GRP0000000004
EQT0162	T-40002 - Storage Tank T-40002	GRP0000000004
EQT0163	T-401 - Storage Tank T-401	GRP0000000004
EQT0164	T-402 - Storage Tank T-402	GRP0000000004
EQT0165	T-403 - Storage Tank T-403	GRP0000000004
EQT0166	T-404 - Storage Tank T-404	GRP0000000004
EQT0167	T-405 - Storage Tank T-405	GRP0000000004
EQT0168	T-406 - Storage Tank T-406	GRP0000000004
EQT0169	T-407 - Storage Tank T-407	GRP0000000004
EQT0170	T-408 - Storage Tank T-408	GRP0000000004
EQT0171	T-409 - Storage Tank T-409	GRP0000000004
EQT0172	T-410 - Storage Tank T-410	GRP0000000004
EQT0173	T-411 - Storage Tank T-411	GRP0000000004
EQT0174	T-412 - Storage Tank T-412	GRP0000000004
EQT0175	T-413 - Storage Tank T-413	GRP0000000004
EQT0176	T-414 - Storage Tank T-414	GRP0000000004
EQT0177	T-415 - Storage Tank T-415	GRP0000000004
EQT0178	T-416 - Storage Tank T-416	GRP0000000004
EQT0179	T-417 - Storage Tank T-417	GRP0000000004
EQT0180	T-418 - Storage Tank T-418	GRP0000000004
EQT0181	T-419 - Storage Tank T-419	GRP0000000004
EQT0182	T-420 - Storage Tank T-420	GRP0000000004
EQT0183	T-421 - Storage Tank T-421	GRP0000000004
EQT0184	T-422 - Storage Tank T-422	GRP0000000004
EQT0185	T-45001 - Storage Tank T-45001	GRP0000000004
EQT0186	T-469 - Overhead and Sidedraw Bullet Tank	GRP0000000004
EQT0187	T-501 - Storage Tank T-501	GRP0000000004
EQT0188	T-502 - Storage Tank T-502	GRP0000000004
EQT0189	T-5050 - Storage Tank T-5050	GRP0000000004

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0190	T-5051 - Storage Tank T-5051	GRP0000000004
EQT0191	T-5052 - Storage Tank T-5052	GRP0000000004
EQT0192	T-5053 - Storage Tank T-5053	GRP0000000004
EQT0193	T-5054 - Storage Tank T-5054	GRP0000000004
EQT0194	T-5055 - Storage Tank T-5055	GRP0000000004
EQT0195	T-5056 - Storage Tank T-5056	GRP0000000004
EQT0196	T-5057 - Storage Tank T-5057	GRP0000000004
EQT0197	T-5058 - Storage Tank T-5058	GRP0000000004
EQT0198	T-5059 - Storage Tank T-5059	GRP0000000004
EQT0199	T-5060 - Storage Tank T-5060	GRP0000000004
EQT0200	T-5061 - Storage Tank T-5061	GRP0000000004
EQT0201	T-5062 - Storage Tank T-5062	GRP0000000004
EQT0202	T-5063 - Storage Tank T-5063	GRP0000000004
EQT0203	T-5064 - Storage Tank T-5064	GRP0000000004
EQT0204	T-5065 - Storage Tank T-5065	GRP0000000004
EQT0205	T-5066 - Storage Tank T-5066	GRP0000000004
EQT0206	T-5067 - Storage Tank T-5067	GRP0000000004
EQT0207	T-5068 - Storage Tank T-5068	GRP0000000004
EQT0208	T-5069 - Storage Tank T-5069	GRP0000000004
EQT0209	T-507 - Storage Tank T-507	GRP0000000004
EQT0210	T-5070 - Storage Tank T-5070	GRP0000000004
EQT0211	T-5071 - Storage Tank T-5071	GRP0000000004
EQT0212	T-5072 - Storage Tank T-5072	GRP0000000004
EQT0213	T-508 - Storage Tank T-508	GRP0000000004
EQT0214	T-509 - Storage Tank T-509	GRP0000000004
EQT0215	T-513 - Storage Tank T-513	GRP0000000004
EQT0216	T-514 - Storage Tank T-514	GRP0000000004
EQT0217	T-515 - Storage Tank T-515	GRP0000000004
EQT0218	T-516 - Storage Tank T-516	GRP0000000004
EQT0219	T-517 - Storage Tank T-517	GRP0000000004
EQT0220	T-518 - Storage Tank T-518	GRP0000000004
EQT0221	T-519 - Storage Tank T-519	GRP0000000004
EQT0222	T-520 - Storage Tank T-520	GRP0000000004
EQT0223	T-529 - Storage Tank T-529	GRP0000000004
EQT0224	T-55001 - Storage Tank T-55001	GRP0000000004
EQT0225	T-57001 - Storage Tank T-57001	GRP0000000004
EQT0226	T-751 - Storage Tank T-751	GRP0000000004
EQT0227	T-752 - Storage Tank T-752	GRP0000000004
EQT0228	T-753 - Storage Tank T-753	GRP0000000004
EQT0229	T-96-4 - Refinery Gasoline Tank	GRP0000000004
EQT0230	T-96-5 - Refinery Gasoline Storage Tank	GRP0000000004
EQT0231	T-AG1 - Storage Tank T-AG1	GRP0000000004
EQT0232	T-AG2 - Storage Tank T-AG2	GRP0000000004

INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0233	H-100A - Hydrocal Heater	GRP0000000004
EQT0234	07-1 - White Oil Hydrotreater Heater	GRP0000000004
EQT0235	07-2 - Tank Heaters	GRP0000000004
EQT0236	07-3 - Hydrogen Plant Heater	GRP0000000004
EQT0237	07-4 - PDA Heater	GRP0000000004
EQT0238	T-10028 - Storage Tank T-10028	GRP0000000004
EQT0239	T-10029 - Storage Tank T-10029	GRP0000000004
EQT0240	T-10030 - Storage Tank T-10030	GRP0000000004
EQT0241	T-10031 - Storage Tank T-10031	GRP0000000004
EQT0242	T-10032 - Storage Tank T-10032	GRP0000000004
EQT0243	T-10033 - Storage Tank T-10033	GRP0000000004
EQT0244	T-20008 - Storage Tank T-20008	GRP0000000004
EQT0245	T-20009 - Storage Tank T-20009	GRP0000000004
EQT0246	T-20010 - Storage Tank T-20010	GRP0000000004
EQT0247	T-20011 - Storage Tank T-20011	GRP0000000004
EQT0248	T-20012 - Storage Tank T-20012	GRP0000000004
EQT0249	T-20013 - Storage Tank T-20013	GRP0000000004
EQT0250	T-20014 - Storage Tank T-20014	GRP0000000004
EQT0251	T-20015 - Storage Tank T-20015	GRP0000000004
EQT0252	T-20016 - Storage Tank T-20016	GRP0000000004
EQT0253	T-20017 - Storage Tank T-20017	GRP0000000004
EQT0254	T-20018 - Storage Tank T-20018	GRP0000000004
EQT0255	T-2506 - Storage Tank T-2506	GRP0000000004
EQT0256	T-2507 - Storage Tank T-2507	GRP0000000004
EQT0257	T-2508 - Storage Tank T-2508	GRP0000000004
EQT0258	T-2509 - Storage Tank T-2509	GRP0000000004
EQT0259	T-5073 - Storage Tank T-5073	GRP0000000004
EQT0260	T-5074 - Storage Tank T-5074	GRP0000000004
EQT0261	T-5075 - Storage Tank T-5075	GRP0000000004
EQT0262	T-5076 - Storage Tank T-5076	GRP0000000004
EQT0263	T-5077 - Storage Tank T-5077	GRP0000000004
EQT0264	T-5078 - Storage Tank T-5078	GRP0000000004
EQT0265	T-5079 - Storage Tank T-5079	GRP0000000004
EQT0266	T-20007 - Storage Tank T-20007	GRP0000000004
EQT0267	T-423 - Lube Oil Tank	GRP0000000004
EQT0268	T-424 - Lube Oil Tank	GRP0000000004
EQT0269	T-425 - Lube Oil Tank	GRP0000000004
EQT0270	T-426 - Lube Oil Tank	GRP0000000004
EQT0271	T-427 - Lube Oil Tank	GRP0000000004
EQT0272	T-428 - Lube Oil Tank	GRP0000000004
EQT0273	05-1A - Asphalt Oxidizer C	GRP0000000004
EQT0274	05-1B - Asphalt Oxidizer D	GRP0000000004
EQT0275	PH-18A - Asphalt Oxidizer A	GRP0000000004

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INVENTORIES

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Group Membership:

ID	Description	Member of Groups
EQT0276	93-4A - Asphalt Oxidizer B	GRP0000000004
EQT0277	T-10034 - Storage Tank T-10034	GRP0000000004
EQT0278	T-10035 - Storage Tank T-10035	GRP0000000004
EQT0279	TK1 - Propane Tank	GRP0000000004
EQT0280	TK2 - Propane Tank	GRP0000000004
FUG0001	94-3 - Fugitive Emissions	GRP0000000004
FUG0002	WWT-1 - Wastewater Fugitive Emissions	GRP0000000004
GRP0005	ASPHALTCAP - ASPHALTCAP	GRP0000000004
RLP0009	94-4A - Rerun Unit Ejector Vent	GRP0000000004
RLP0010	94-4B - Rerun Ejector Vent	GRP0000000004
RLP0011	94-4C - Crude Unit EjectorVent	GRP0000000004
RLP0012	94-4D - Crude Unit EjectorVent	GRP0000000004

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure	NESHAP Maintenance Fee
0720	Petroleum Refining (Rated Capacity)	10	1,000 BBL/Day	N

SIC Codes:

2911	Petroleum refining	AI1224
2992	Lubricating oils and greases	AI1224

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SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0003 SB-3 - Erie City Boiler No. 3

1	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
2	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
3	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
4	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0004 SB-4 - Boiler No. 4

5	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
6	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
7	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
8	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0005 PH-5 - Atmospheric Tower Reboiler H-1

9	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
10	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
11	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0005 PH-5 - Atmospheric Tower Reboiler H-1

12	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0006 PH-14 - Hydrocal Heater H-100

13	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
14	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
15	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
16	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0007 PH-15 - FDU3 Heater (Final Distillation Unit No. 3)

17	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
18	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
19	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
20	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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..

EQT0009 PH-19 - Vacuum Tower Heater B-102

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0009 PH-19 - Vacuum Tower Heater B-102

21	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
22	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
23	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
24	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0010 PH-20 - Vacuum Tower Heater B-202

25	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
26	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
27	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
28	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0011 PH-21 - Hydrocal Heater H-101

29	[40 CFR 60.100]	A monitoring system has been installed according to the provisions of 40 CFR 60.105(a)(4)(ii) which states that fuel combustion devices having a common source of fuel may be monitored at only one location, if monitoring at this location accurately represents the concentration of H2S in the guel gas being burned. The 95% data availability does not include time spent for required calibration checks and aero and span adjustments.
30	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
31	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0011 PH-21 - Hydrocal Heater H-101

32	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
33	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
34	[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
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.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
37	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0012 PH-22 - Hydrocal Heater H-102

38	[40 CFR 60.100]	A monitoring system has been installed according to the provisions of 40 CFR 60.105(a)(4)(ii) which states that fuel combustion devices having a common source of fuel may be monitored at only one location, if monitoring at this location accurately represents the concentration of H2S in the guel gas being burned. The 95% data availability does not include time spent for required calibration checks and aero and span adjustments.
39	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
40	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
41	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
42	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
43	[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
44	[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
45	[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: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0012 PH-22 - Hydrocal Heater H-102

46	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0013 PH-23 - Hydrocal Heater H-103

47	[40 CFR 60.100]	A monitoring system has been installed according to the provisions of 40 CFR 60.105(a)(4)(ii) which states that fuel combustion devices having a common source of fuel may be monitored at only one location, if monitoring at this location accurately represents the concentration of H2S in the guel gas being burned. The 95% data availability does not include time spent for required calibration checks and aero and span adjustments.
48	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
49	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
50	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
51	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
52	[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
53	[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
54	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
55	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0014 PH-24 - Sulfur Plant Incinerator H-301

56	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

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SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0014 PH-24 - Sulfur Plant Incinerator H-301

57	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.
58	[LAC 33:III.501.C.6]	Equipment/operational data <= 4500 ppm. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if 4500 ppmv of SO2 in discharge gas exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
59	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
60	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total SO2 each month, as well as the total SO2 for the last twelve months. Make records available for inspection by DEQ personnel.
61	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the SO2 for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

EQT0015 PH-25 - Hydrocal Unit No. 1 Flare

62	[40 CFR 60.100]	A monitoring system has been installed according to the provisions of 40 CFR 60.105(a)(4)(ii) which states that fuel combustion devices having a common source of fuel may be monitored at only one location, if monitoring at this location accurately represents the concentration of H2S in the guel gas being burned. The 95% data availability does not include time spent for required calibration checks and aero and span adjustments.
63	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
64	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
65	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
66	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
67	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
68	[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
69	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
70	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least five 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.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0017 PH-27 - Reformer Furnace H-101

71	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
72	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
73	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
74	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
75	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
76	[40 CFR 60.]	As an alternate to continuous monitoring in accordance with 40 CFR 60.13(i), Calumet will (1) sample the fuel gas once every 12 hour shift unsing color-changing detector tubes, (2) submit semiannual reports indicating instances of H2S concentrations between 1 and 5 ppm and the number of instances during which H2S concentration exceeded 5 ppm, and (3) maintain records of the monitoring for three years.
77	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
78	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
79	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
80	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0019 93-1 - Crude Heater H-100A

81	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
82	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
83	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0019 93-1 - Crude Heater H-100A

84	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0020 93-2 - Hydrocal H-104 Heater

85	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
86	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
87	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
88	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0021 93-3 - FDU2 Heater (Final Distillation No. 2)

89	[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 (Complies by using sweet natural gas as fuel). 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 (Complies by using sweet natural gas as fuel). 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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
92	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0022 93-4 - Asphalt Heater B

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0022 93-4 - Asphalt Heater B

93	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
94	[40 CFR 60.473(b)]	Temperature monitored by temperature monitoring device continuously. Monitor the temperature in the combustion zone of the afterburner. Ensure the temperature monitoring instrument has an accuracy of +/-10 degrees Celsius (+/-28 degrees Fahrenheit) over its range. Subpart UU. [40 CFR 60.473(b)] Which Months: All Year Statistical Basis: None specified
95	[40 CFR 60.473(b)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature in the combustion zone of the afterburner. Subpart UU. [40 CFR 60.473(b)]
96	[40 CFR 60.473(d)]	Record and report the operating temperature of the control device during the performance test and, as required by 40 CFR 60.7(d), maintain a file of the temperature monitoring results for at least two years. Subpart UU. [40 CFR 60.473(d)]
97	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
98	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
99	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
100	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]
101	[40 CFR 60.]	Comply with all applicable provisions of 40 CFR 60 Subpart A.
102	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
104	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
105	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0023 93-5 - Asphalt Tank Heaters (Combined)

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0023 93-5 - Asphalt Tank Heaters (Combined)

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 (Complies by using sweet natural gas as fuel). 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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
108	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
109	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0024 94-1A - ENQUIP Oil/Water Separator

110	[40 CFR 60.692-3(a)]	Equip and operate each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment with a fixed roof, which meets the specifications in 40 CFR 60.692-3(a)(1) through (a)(5), except as provided in 40 CFR 60.692-3(d) or 60.693-2. Subpart QQQ. [40 CFR 60.692-3(a)]
111	[40 CFR 60.692-3(b)]	Equip and operate each oil-water separator tank or auxiliary equipment with a design capacity to treat more than 16 liters per second (250 gpm) with a closed vent system and control device, which meet the requirements 40 CFR 60.692-5, except as provided in 40 CFR 60.692-3(c) or 60.693-2. Subpart QQQ. [40 CFR 60.692-3(b)]
112	[40 CFR 60.692-3(c)]	Meet the requirements of 40 CFR 60.692-3(a), or comply with the requirements of 40 CFR 60.692-3(a) for the existing fixed roof covering a portion of the separator tank and comply with the requirements for floating roofs in 40 CFR 60.693-2 for the remainder of the separator tank. Subpart QQQ. [40 CFR 60.692-3(c)]
113	[40 CFR 60.692-3(e)]	Ensure that slop oil from an oil-water separator tank and oily wastewater from slop oil handling equipment is collected, stored, transported, recycled, reused, or disposed of in an enclosed system. Equip equipment used in handling slop oil with a fixed roof meeting the requirements of 40 CFR 60.692-3(a). Subpart QQQ. [40 CFR 60.692-3(e)]
114	[40 CFR 60.696(a)]	Before using any equipment installed in compliance with 40 CFR 60.692-2, 60.692-3, 60.692-4, 60.692-5, or 60.693, inspect such equipment for indication of potential emissions, defects, or other problems that may cause requirements of 40 CFR 60 Subpart QQQ not to be met. Subpart QQQ. [40 CFR 60.696(a)]
115	[40 CFR 60.697(a)]	Retain all records required by 40 CFR 60 Subpart QQQ for a period of 2 years after being recorded unless otherwise noted. Subpart QQQ. [40 CFR 60.697(a)]
116	[40 CFR 60.697(c)]	Inspection records recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the location, date, and corrective action for inspections required by 40 CFR 60.692-3(a) when a problem is identified that could result in VOC emissions. Subpart QQQ. [40 CFR 60.697(c)]
117	[40 CFR 60.697(e)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 60.697(e)(1) through (e)(4), as applicable. Subpart QQQ. [40 CFR 60.697(e)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0024 94-1A - ENQUIP Oil/Water Separator

118	[40 CFR 60.697(f)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep the records specified in 40 CFR 60.697(f)(1) through (f)(3) for the life of the source in a readily accessible location. Subpart QQQ. [40 CFR 60.697(f)]
119	[40 CFR 60.698(b)(1)]	Submit Notification: Due within 60 days after initial startup. Submit a certification that the equipment necessary to comply with 40 CFR 60 Subpart QQQ has been installed and that the required initial inspections or tests of process drains, sewer lines, junction boxes, oil-water separators, and closed vent systems and control devices have been carried out in accordance with 40 CFR 60 Subpart QQQ. Thereafter, submit a certification semiannually that all of the required inspections have been carried out in accordance with 40 CFR 60 Subpart QQQ. Subpart QQQ. [40 CFR 60.698(b)(1)]
120	[40 CFR 60.698(c)]	Submit report: Due initially and semiannually thereafter. Submit a report that summarizes all inspections when a water seal was dry or otherwise breached, when a drain cap or plug was missing or improperly installed, or when cracks, gaps, or other problems were identified that could result in VOC emissions, including information about the repairs or corrective action taken. Subpart QQQ. [40 CFR 60.698(c)]
121	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
122	[40 CFR 60.]	VOC indicator which operates continously and is visually inspected five times per week. The results of the visual inspections are maintained on site. Semiannual reports will be submitted in accordance with 40 CFR 60.698(b)(1). Use of this alternate monitoring plan was approved on February 13, 1998.
123	[LAC 33:III.2109.D.2]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in LAC 33:III.2109.D.2.

EQT0025 94-1B - WEMCO-A Oil/Water Separator

124	[40 CFR 60.692-3(a)]	Equip and operate each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment with a fixed roof, which meets the specifications in 40 CFR 60.692-3(a)(1) through (a)(5), except as provided in 40 CFR 60.692-3(d) or 60.693-2. Subpart QQQ. [40 CFR 60.692-3(a)]
125	[40 CFR 60.692-3(b)]	Equip and operate each oil-water separator tank or auxiliary equipment with a design capacity to treat more than 16 liters per second (250 gpm) with a closed vent system and control device, which meet the requirements 40 CFR 60.692-5, except as provided in 40 CFR 60.692-3(c) or 60.693-2. Subpart QQQ. [40 CFR 60.692-3(b)]
126	[40 CFR 60.692-3(c)]	Meet the requirements of 40 CFR 60.692-3(a), or comply with the requirements of 40 CFR 60.692-3(a) for the existing fixed roof covering a portion of the separator tank and comply with the requirements for floating roofs in 40 CFR 60.693-2 for the remainder of the separator tank. Subpart QQQ. [40 CFR 60.692-3(c)]
127	[40 CFR 60.692-3(e)]	Ensure that slop oil from an oil-water separator tank and oily wastewater from slop oil handling equipment is collected, stored, transported, recycled, reused, or disposed of in an enclosed system. Equip equipment used in handling slop oil with a fixed roof meeting the requirements of 40 CFR 60.692-3(a). Subpart QQQ. [40 CFR 60.692-3(e)]
128	[40 CFR 60.696(a)]	Before using any equipment installed in compliance with 40 CFR 60.692-2, 60.692-3, 60.692-4, 60.692-5, or 60.693, inspect such equipment for indication of potential emissions, defects, or other problems that may cause requirements of 40 CFR 60 Subpart QQQ not to be met. Subpart QQQ. [40 CFR 60.696(a)]
129	[40 CFR 60.697(a)]	Retain all records required by 40 CFR 60 Subpart QQQ for a period of 2 years after being recorded unless otherwise noted. Subpart QQQ. [40 CFR 60.697(a)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0025 94-1B - WEMCO-A Oil/Water Separator

130	[40 CFR 60.697(c)]	Inspection records recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the location, date, and corrective action for inspections required by 40 CFR 60.692-3(a) when a problem is identified that could result in VOC emissions. Subpart QQQ. [40 CFR 60.697(c)]
131	[40 CFR 60.697(e)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 60.697(e)(1) through (e)(4), as applicable. Subpart QQQ. [40 CFR 60.697(e)]
132	[40 CFR 60.697(f)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep the records specified in 40 CFR 60.697(f)(1) through (f)(3) for the life of the source in a readily accessible location. Subpart QQQ. [40 CFR 60.697(f)]
133	[40 CFR 60.698(b)(1)]	Submit Notification: Due within 60 days after initial startup. Submit a certification that the equipment necessary to comply with 40 CFR 60 Subpart QQQ has been installed and that the required initial inspections or tests of process drains, sewer lines, junction boxes, oil-water separators, and closed vent systems and control devices have been carried out in accordance with 40 CFR 60 Subpart QQQ. Thereafter, submit a certification semiannually that all of the required inspections have been carried out in accordance with 40 CFR 60 Subpart QQQ. Subpart QQQ. [40 CFR 60.698(b)(1)]
134	[40 CFR 60.698(c)]	Submit report: Due initially and semiannually thereafter. Submit a report that summarizes all inspections when a water seal was dry or otherwise breached, when a drain cap or plug was missing or improperly installed, or when cracks, gaps, or other problems were identified that could result in VOC emissions, including information about the repairs or corrective action taken. Subpart QQQ. [40 CFR 60.698(c)]
135	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
136	[40 CFR 60.]	VOC indicator which operates continously and is visually inspected five times per week. The results of the visual inspections are maintained on site. Semiannual reports will be submitted in accordance with 40 CFR 60.698(b)(1). Use of this alternate monitoring plan was approved on February 13, 1998.
137	[40 CFR 60.]	VOC indicator which operates continously and is visually inspected five times per week. The results of the visual inspections are maintained on site. Semiannual reports will be submitted in accordance with 40 CFR 60.698(b)(1). Use of this alternate monitoring plan was approved on February 13, 1998.
138	[LAC 33:III.2109.D.2]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in LAC 33:III.2109.D.2.

EQT0026 94-1C - WEMCO-B Oil/Water Separator

139	[40 CFR 60.692-3(a)]	Equip and operate each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment with a fixed roof, which meets the specifications in 40 CFR 60.692-3(a)(1) through (a)(5), except as provided in 40 CFR 60.692-3(d) or 60.693-2. Subpart QQQ. [40 CFR 60.692-3(a)]
140	[40 CFR 60.692-3(b)]	Equip and operate each oil-water separator tank or auxiliary equipment with a design capacity to treat more than 16 liters per second (250 gpm) with a closed vent system and control device, which meet the requirements 40 CFR 60.692-5, except as provided in 40 CFR 60.692-3(c) or 60.693-2. Subpart QQQ. [40 CFR 60.692-3(b)]
141	[40 CFR 60.692-3(c)]	Meet the requirements of 40 CFR 60.692-3(a), or comply with the requirements of 40 CFR 60.692-3(a) for the existing fixed roof covering a portion of the separator tank and comply with the requirements for floating roofs in 40 CFR 60.693-2 for the remainder of the separator tank. Subpart QQQ. [40 CFR 60.692-3(c)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0026 94-1C - WEMCO-B Oil/Water Separator

142	[40 CFR 60.692-3(e)]	Ensure that slop oil from an oil-water separator tank and oily wastewater from slop oil handling equipment is collected, stored, transported, recycled, reused, or disposed of in an enclosed system. Equip equipment used in handling slop oil with a fixed roof meeting the requirements of 40 CFR 60.692-3(a). Subpart QQQ. [40 CFR 60.692-3(e)]
143	[40 CFR 60.696(a)]	Before using any equipment installed in compliance with 40 CFR 60.692-2, 60.692-3, 60.692-4, 60.692-5, or 60.693, inspect such equipment for indication of potential emissions, defects, or other problems that may cause requirements of 40 CFR 60 Subpart QQQ not to be met. Subpart QQQ. [40 CFR 60.696(a)]
144	[40 CFR 60.697(a)]	Retain all records required by 40 CFR 60 Subpart QQQ for a period of 2 years after being recorded unless otherwise noted. Subpart QQQ. [40 CFR 60.697(a)]
145	[40 CFR 60.697(c)]	Inspection records recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the location, date, and corrective action for inspections required by 40 CFR 60.692-3(a) when a problem is identified that could result in VOC emissions. Subpart QQQ. [40 CFR 60.697(c)]
146	[40 CFR 60.697(e)]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep the records specified in 40 CFR 60.697(e)(1) through (e)(4), as applicable. Subpart QQQ. [40 CFR 60.697(e)]
147	[40 CFR 60.697(f)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep the records specified in 40 CFR 60.697(f)(1) through (f)(3) for the life of the source in a readily accessible location. Subpart QQQ. [40 CFR 60.697(f)]
148	[40 CFR 60.698(b)(1)]	Submit Notification: Due within 60 days after initial startup. Submit a certification that the equipment necessary to comply with 40 CFR 60 Subpart QQQ has been installed and that the required initial inspections or tests of process drains, sewer lines, junction boxes, oil-water separators, and closed vent systems and control devices have been carried out in accordance with 40 CFR 60 Subpart QQQ. Thereafter, submit a certification semiannually that all of the required inspections have been carried out in accordance with 40 CFR 60 Subpart QQQ. Subpart QQQ. [40 CFR 60.698(b)(1)]
149	[40 CFR 60.698(c)]	Submit report: Due initially and semiannually thereafter. Submit a report that summarizes all inspections when a water seal was dry or otherwise breached, when a drain cap or plug was missing or improperly installed, or when cracks, gaps, or other problems were identified that could result in VOC emissions, including information about the repairs or corrective action taken. Subpart QQQ. [40 CFR 60.698(c)]
150	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
151	[40 CFR 60.]	VOC indicator which operates continously and is visually inspected five times per week. The results of the visual inspections are maintained on site. Semiannual reports will be submitted in accordance with 40 CFR 60.698(b)(1). Use of this alternate monitoring plan was approved on February 13, 1998.
152	[40 CFR 60.]	VOC indicator which operates continously and is visually inspected five times per week. The results of the visual inspections are maintained on site. Semiannual reports will be submitted in accordance with 40 CFR 60.698(b)(1). Use of this alternate monitoring plan was approved on February 13, 1998.
153	[LAC 33:III.2109.D.2]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in LAC 33:III.2109.D.2.

EQT0027 94-2 - Cooling Towers

154	[40 CFR 63.402]	Do not use chromium-based water treatment chemicals in any affected IPCT. Subpart Q.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0027 94-2 - Cooling Towers

155 [40 CFR 63.406] Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain copies of the initial notification and the notification of compliance status as required by 40 CFR 63.405 for a period of at least 5 years onsite. Subpart Q.

EQT0031 98-1 - Heater

156 [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 (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

157 [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 (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

158 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

159 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0032 98-2 - Heater

160 [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 (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

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 (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

162 [LAC 33:III.1313.C] Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified

163 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0033 00-1 - Crude Unit E.V. Flare

164 [40 CFR 60.100] A monitoring system has been installed according to the provisions of 40 CFR 60.105(a)(4)(ii) which states that fuel combustion devices having a common source of fuel may be monitored at only one location, if monitoring at this location accurately represents the concentration of H2S in the guel gas being burned. The 95% data availability does not include time spent for required calibration checks and aero and span adjustments.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0033 00-1 - Crude Unit E.V. Flare

165	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
166	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
167	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
168	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
169	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
170	[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
171	[LAC 33:III.1105]	Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
172	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least five 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.

EQT0127 H-100R - Hydrocal Heater

173	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
174	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
175	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
176	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0139 03-1 - A-Clay Silo Dust Collector

177	[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.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0139 03-1 - A-Clay Silo Dust Collector

178	[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
179	[LAC 33:III.501.C.6]	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
180	[LAC 33:III.501.C.6]	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.
181	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) <= 0.015 gr/dscf. Which Months: All Year Statistical Basis: None specified
182	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified

EQT0141 03-2A - Reactor Tank Dust Collector 1

183	[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.
184	[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
185	[LAC 33:III.501.C.6]	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
186	[LAC 33:III.501.C.6]	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.
187	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) <= 0.015 gr/dscf. Which Months: All Year Statistical Basis: None specified
188	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified

EQT0142 03-2B - Reactor Tank Dust Collector 2

189	[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.
190	[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

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0142 03-2B - Reactor Tank Dust Collector 2

191	[LAC 33:III.501.C.6]	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
192	[LAC 33:III.501.C.6]	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.
193	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) <= 0.015 gr/dscf. Which Months: All Year Statistical Basis: None specified
194	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified

EQT0143 03-3 - Reactor Tanks Scrubber

195	[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.
196	[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
197	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least five 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.
198	[LAC 33:III.501.C.6]	Flow rate >= 4 gallons/min. Which Months: All Year Statistical Basis: None specified
199	[LAC 33:III.501.C.6]	Flow rate monitored by flow rate monitoring device once every four hours. Which Months: All Year Statistical Basis: None specified
200	[LAC 33:III.501.C.6]	Flow rate recordkeeping by electronic or hard copy once every four hours.
201	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
202	[LAC 33:III.501.C.6]	pH >= 7 s.u. Which Months: All Year Statistical Basis: None specified
203	[LAC 33:III.501.C.6]	pH monitored by pH instrument once every four hours. Which Months: All Year Statistical Basis: None specified
204	[LAC 33:III.501.C.6]	pH recordkeeping by electronic or hard copy once every four hours.

EQT0144 05-1 - Asphalt Heater C

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0144 05-1 - Asphalt Heater C

205	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
206	[40 CFR 60.473(b)]	Temperature monitored by temperature monitoring device continuously. Monitor the temperature in the combustion zone of the afterburner. Ensure the temperature monitoring instrument has an accuracy of +/-10 degrees Celsius (+/-28 degrees Fahrenheit) over its range. Subpart UU. [40 CFR 60.473(b)] Which Months: All Year Statistical Basis: None specified
207	[40 CFR 60.473(b)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature in the combustion zone of the afterburner. Subpart UU. [40 CFR 60.473(b)]
208	[40 CFR 60.473(d)]	Record and report the operating temperature of the control device during the performance test and, as required by 40 CFR 60.7(d), maintain a file of the temperature monitoring results for at least two years. Subpart UU. [40 CFR 60.473(d)]
209	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
210	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
211	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
212	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]
213	[40 CFR 60.]	Comply with all applicable provisions of 40 CFR 60 Subpart A.
214	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
215	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
216	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
217	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0145 PH-13 - Crude Heater H-100B

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0145 PH-13 - Crude Heater H-100B

218	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
219	[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 (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: Six-minute average
220	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
221	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0146 T-2505 - Storage Tank T-2505

222	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
223	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
224	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
225	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
226	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
227	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]
228	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

EQT0208 T-5069 - Storage Tank T-5069

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0208 T-5069 - Storage Tank T-5069

229	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
230	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
231	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
232	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
233	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
234	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]
235	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

EQT0210 T-5070 - Storage Tank T-5070

236	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
237	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
238	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
239	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
240	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
241	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0210 T-5070 - Storage Tank T-5070

242	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

EQT0229 T-96-4 - Refinery Gasoline Tank

243	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
244	[LAC 33:III.2103.E.2]	VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
245	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
246	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0230 T-96-5 - Refinery Gasoline Storage Tank

247	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
248	[LAC 33:III.2103.E.2]	VOC, Total >= 90 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
249	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
250	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0234 07-1: White Oil Hydrotreater Heater

251	[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
252	[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.
253	[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
254	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
255	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
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EQT0235 07-2: Tank Heater

256	[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
257	[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.
258	[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
259	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
260	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0236 07-3: Hydrogen Plant Heater

261	[40 CFR 60.104(a)(1)]	Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)] Which Months: All Year Statistical Basis: Three-hour rolling average
262	[40 CFR 60.105(a)(4)]	Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)] Which Months: All Year Statistical Basis: None specified
263	[40 CFR 60.106(a)]	Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]
264	[40 CFR 60.106]	Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.
265	[40 CFR 60.13(i)]	The fuel gas will be sample once every 12 hour shift using color-changing detector tubes. Results of the tests will be maintained on site for three years. Submit semiannual reports indication instances of H2S concentrations between 1 and 5 ppm and the number of instances of H2 S concentration exceeded 5 ppm. [40 CFR 60.13(i)]
266	[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
267	[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.
268	[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

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0236 07-3: Hydrogen Plant Heater

269	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
270	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0237 07-4: PDA Heater

271	[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
272	[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.
273	[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
274	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input. Which Months: All Year Statistical Basis: None specified
275	[LAC 33:III.1513]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. 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.

EQT0238 T-10028: Storage Tank T-10028

276	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0239 T-10029: Storage Tank T-10029

277	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0240 T-10030: Storage Tank T-10030

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

EQT0240 T-10030: Storage Tank T-10030

278 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0241 T-10031: Storage Tank T-10031

279 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0242 T-10032: Storage Tank T-10032

280 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0243 T-10033: Storage Tank T-10033

281 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0244 T-20008: Storage Tank T-20008

282 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0245 T-20009: Storage Tank T-20009

283 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

284 [40 CFR 60.472(c)] Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
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EQT0245 T-20009: Storage Tank T-20009

285	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
286	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
287	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
288	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
289	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0246 T-20010: Storage Tank T-20010

290	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
291	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
292	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
293	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
294	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
295	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
296	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0247 T-20011: Storage Tank T-20011

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
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EQT0247 T-20011: Storage Tank T-20011

297 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0248 T-20012: Storage Tank T-20012

298 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0249 T-20013: Storage Tank T-20013

299 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0250 T-20014: Storage Tank T-20014

300 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0251 T-20015: Storage Tank T-20015

301 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0252 T-20016: Storage Tank T-20016

302 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0253 T-20017: Storage Tank T-20017

303 [40 CFR 60.116b(b)] Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0254 T-20018: Storage Tank T-20018

304	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0255 T-2506: Storage Tank T-2506

305	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
306	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
307	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
308	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
309	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
310	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
311	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0256 T-2507: Storage Tank T-2507

312	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
313	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0256 T-2507: Storage Tank T-2507

314	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
315	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
316	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
317	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
318	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0257 T-2508: Storage Tank T-2508

319	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
320	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
321	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
322	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
323	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
324	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
325	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0258 T-2509: Storage Tank T-2509

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
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EQT0258 T-2509: Storage Tank T-2509

326	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
327	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
328	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
329	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
330	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
331	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
332	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0259 T-5073: Storage Tank T-5073

333	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0260 T-5074: Storage Tank T-5074

334	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0261 T-5075: Storage Tank T-5075

335	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0261 T-5075: Storage Tank T-5075

336	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
337	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
338	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
339	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
340	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
341	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0262 T-5076: Storage Tank T-5076

342	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
343	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
344	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
345	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
346	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
347	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0262 T-5076: Storage Tank T-5076

348	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0263 T-5077: Storage Tank T-5077

349	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
350	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
351	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
352	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
353	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
354	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
355	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0264 T-5078: Storage Tank T-5078

356	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
357	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
358	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0264 T-5078: Storage Tank T-5078

359	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
360	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
361	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
362	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0265 T-5079: Storage Tank T-5079

363	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
364	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
365	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
366	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
367	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
368	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
369	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0266 T-20007: Storage Tank T-20007

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
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EQT0266 T-20007: Storage Tank T-20007

370	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]

EQT0277 T-10034: Storage Tank T-10034

371	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
372	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified
373	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
374	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
375	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
376	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
377	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0278 T-10035: Storage Tank T-10035

378	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
379	[40 CFR 60.472(c)]	Opacity <= 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. Do not bypass the control device during this 15-minute period. If emissions from any asphalt storage tank(s) are ducted to a control device for a saturator, meet the emission limit contained in 40 CFR 60.472(a) for the combined emissions during the time the saturator control device is operating. Subpart UU. [40 CFR 60.472(c)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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EQT0278 T-10035: Storage Tank T-10035

380	[40 CFR 60.474(b)]	Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.474, except as provided in 40 CFR 60.8(b), in conducting the performance tests required by 40 CFR 60.8. Subpart UU. [40 CFR 60.474(b)]
381	[40 CFR 60.474(c)]	Determine compliance with the particulate matter and opacity standards in 40 CFR 60.472 using the test methods and procedures specified in 40 CFR 60.474(c)(1) through (c)(5). Subpart UU. [40 CFR 60.474(c)]
382	[40 CFR 60.474(d)]	Determine compliance with the standards in 40 CFR 60.472(a)(3) using Method 22 of 40 CFR 60 Appendix A, modified so that the readings are recorded every 15 seconds for a period of consecutive observations during representative conditions (in accordance with 40 CFR 60.8(c)) totaling 60 minutes. Subpart UU. [40 CFR 60.474(d)]
383	[40 CFR 60.474(e)]	Temperature monitored by temperature monitoring device continuously. Monitor during the particulate matter run and report the results to DEQ with the performance test results. Subpart UU. [40 CFR 60.474(e)] Which Months: All Year Statistical Basis: None specified
384	[40 CFR 60.474(e)]	Temperature recordkeeping by electronic or hard copy continuously. Record the temperature during the particulate matter run. Subpart UU. [40 CFR 60.474(e)]

EQT0279 Propane Tank, TK1

385	[LAC 33:III.2103.A]	Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.

EQT0280 Propane Tank, TK2

386	[LAC 33:III.2103.A]	Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.

FUG0001 94-3 - Fugitive Emissions

387	[40 CFR 60.592(a)]	Comply with the requirements of 40 CFR 60.482-1 to 482-10 as soon as practicable, but no later than 180 days after initial startup. Subpart GGG. [40 CFR 60.592(a)]
388	[40 CFR 60.592(d)]	Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.593. Subpart GGG. [40 CFR 60.592(d)]
389	[40 CFR 60.592(e)]	Comply with the provisions of 40 CFR 60.486 and 60.487. Subpart GGG. [40 CFR 60.592(e)]
390	[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.
391	[LAC 33:III.2121.B.1]	Repair according to LAC 33:III.2121.B.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration.
392	[LAC 33:III.2121.B.2]	Do not locate any valve, except safety pressure relief valves, valves on sample lines, valves on drain lines and valves that can be removed and replaced without a shutdown, at the end of a pipe or line containing VOC unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device.
393	[LAC 33:III.2121.B.3]	Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2121.B, within 15 days, except as provided.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
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FUG0001 94-3 - Fugitive Emissions

394	[LAC 33:III.2121.C.1.a.i]	Pump seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
395	[LAC 33:III.2121.C.1.a.ii]	Valves in liquid service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
396	[LAC 33:III.2121.C.1.a.iii]	Process drains: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
397	[LAC 33:III.2121.C.1.b.i]	Compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
398	[LAC 33:III.2121.C.1.b.ii]	Valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). Which Months: All Year Statistical Basis: None specified
399	[LAC 33:III.2121.C.1.b.iii]	Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
400	[LAC 33:III.2121.C.1.c]	Pumps: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times per year). Which Months: All Year Statistical Basis: None specified
401	[LAC 33:III.2121.C.3.a]	Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
402	[LAC 33:III.2121.C.3.b]	All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
403	[LAC 33:III.2121.C.4.c]	Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum). Which Months: All Year Statistical Basis: None specified
404	[LAC 33:III.2121.C.4.c]	Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely. Which Months: All Year Statistical Basis: None specified
405	[LAC 33:III.2121.E.1]	When a leak that cannot be repaired on-line and in-place is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Date and remove the tag after the leak is repaired.
406	[LAC 33:III.2121.E]	Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2121.E.2. Retain the survey log for two years after the latter date specified in LAC 33:III.2121.E.2 and make said log available to DEQ upon request.

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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FUG0001 94-3 - Fugitive Emissions

407	[LAC 33:III.2121.F]	Submit report: Due semiannually, by the 31st of January and July, to the Office of Environmental Assessment, Air Quality Assessment Division. Include the information specified in LAC 33:III.2121.F.1 through 4 for each calendar quarter during the reporting period.

FUG0002 WWT-1 - Wastewater Fugitive Emissions

408	[40 CFR 60.592(a)]	Comply with the requirements of 40 CFR 60.482-1 to 482-10 as soon as practicable, but no later than 180 days after initial startup. Subpart GGG. [40 CFR 60.592(a)]
409	[40 CFR 60.592(d)]	Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.593. Subpart GGG. [40 CFR 60.592(d)]
410	[40 CFR 60.592(e)]	Comply with the provisions of 40 CFR 60.486 and 60.487. Subpart GGG. [40 CFR 60.592(e)]
411	[40 CFR 61.342(d)(2)(i)]	Benzene < 1 Mg/yr (1.1 ton/yr) total quantity. Subpart FF. [40 CFR 61.342(d)(2)(i)] Which Months: All Year Statistical Basis: None specified
412	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
413	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
414	[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.
415	[LAC 33:III.2121.B.1]	Repair according to LAC 33:III.2121.B.3 any regulated component observed leaking by sight, sound, or smell, regardless of the leak's concentration.
416	[LAC 33:III.2121.B.2]	Do not locate any valve, except safety pressure relief valves, valves on sample lines, valves on drain lines and valves that can be removed and replaced without a shutdown, at the end of a pipe or line containing VOC unless the end of such line is sealed with a second valve, a blind flange, a plug, or a cap. Remove such sealing devices only when the line is in use, for example, when a sample is being taken. When the line has been used and is subsequently resealed, close the upstream valve first, followed by the sealing device.
417	[LAC 33:III.2121.B.3]	Make every reasonable effort to repair a leaking component, as described in LAC 33:III.2121.B, within 15 days, except as provided.
418	[LAC 33:III.2121.C.1.a.i]	Pump seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
419	[LAC 33:III.2121.C.1.a.ii]	Valves in liquid service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
420	[LAC 33:III.2121.C.1.a.iii]	Process drains: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (one time per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
421	[LAC 33:III.2121.C.1.b.i]	Compressor seals: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
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FUG0002 WWT-1 - Wastewater Fugitive Emissions

422	[LAC 33:III.2121.C.1.b.ii]	Valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Permittee may elect to comply with the alternate standards for valves in LAC 33:III.2121.D (skip period provisions). Which Months: All Year Statistical Basis: None specified
423	[LAC 33:III.2121.C.1.b.iii]	Pressure relief valves in gas service: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 quarterly (four times per year). If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
424	[LAC 33:III.2121.C.1.c]	Pumps: Seal or closure mechanism monitored by visual inspection/determination weekly (52 times per year). Which Months: All Year Statistical Basis: None specified
425	[LAC 33:III.2121.C.3.a]	Pressure relief valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 within 24 hours after venting to the atmosphere. If a reading of 10,000 ppmv or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
426	[LAC 33:III.2121.C.3.b]	All components: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of a leak detected by sight, smell, or sound, unless electing to implement actions as specified in LAC 33:III.2121.B.3. Which Months: All Year Statistical Basis: None specified
427	[LAC 33:III.2121.C.4.c]	Inaccessible valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 annually (at a minimum). Which Months: All Year Statistical Basis: None specified
428	[LAC 33:III.2121.C.4.c]	Unsafe-to-monitor valves: VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 upon each occurrence of conditions allowing these valves to be monitored safely. Which Months: All Year Statistical Basis: None specified
429	[LAC 33:III.2121.E.1]	When a leak that cannot be repaired on-line and in-place is located, affix to the leaking component a weatherproof and readily visible tag bearing an identification number and the date the leak is located. Date and remove the tag after the leak is repaired.
430	[LAC 33:III.2121.E]	Equipment/operational data recordkeeping by survey log upon each occurrence of a leak. Include the leaking component information specified in LAC 33:III.2121.E.2. Retain the survey log for two years after the latter date specified in LAC 33:III.2121.E.2 and make said log available to DEQ upon request.

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Group Members: EQT0022 EQT0144

431	[LAC 33:III.501.C.6]	Equipment/operational data <= 614614.3 bbl/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if production exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
432	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
433	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total production each month, as well as the total production for the last twelve months. Make records available for inspection by DEQ personnel.

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434 [LAC 33:III.501.C.6] Submit report: Due annually, by the 31st of March. Report the production for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

GRP0004 Entire Facility

Group Members: EQT0003 EQT0004 EQT0005 EQT0006 EQT0007 EQT0009 EQT0010 EQT0011 EQT0012 EQT0013 EQT0014 EQT0015 EQT0016 EQT0017 EQT0019 EQT0020 EQT0021 EQT0022 EQT0023 EQT0024 EQT0025 EQT0026 EQT0027 EQT0028 EQT0029 EQT0030 EQT0031 EQT0032 EQT0033 EQT0034 EQT0035 EQT0036 EQT0037 EQT0038 EQT0039 EQT0040 EQT0041 EQT0042 EQT0043 EQT0044 EQT0045 EQT0046 EQT0047 EQT0048 EQT0049 EQT0050 EQT0051 EQT0052 EQT0053 EQT0054 EQT0055 EQT0056 EQT0057 EQT0058 EQT0059 EQT0060 EQT0061 EQT0062 EQT0063 EQT0064 EQT0065 EQT0066 EQT0067 EQT0068 EQT0069 EQT0070 EQT0071 EQT0072 EQT0073 EQT0074 EQT0075 EQT0076 EQT0077 EQT0078 EQT0079 EQT0080 EQT0081 EQT0082 EQT0083 EQT0084 EQT0085 EQT0086 EQT0087 EQT0088 EQT0089 EQT0090 EQT0091 EQT0092 EQT0093 EQT0094 EQT0095 EQT0096 EQT0097 EQT0098 EQT0099 EQT0100 EQT0101 EQT0102 EQT0103 EQT0104 EQT0105 EQT0106 EQT0107 EQT0108 EQT0109 EQT0110 EQT0111 EQT0112 EQT0113 EQT0114 EQT0115 EQT0116 EQT0117 EQT0118 EQT0119 EQT0120 EQT0121 EQT0122 EQT0123 EQT0124 EQT0127 EQT0139 EQT0140 EQT0141 EQT0142 EQT0143 EQT0144 EQT0145 EQT0146 EQT0147 EQT0148 EQT0149 EQT0150 EQT0151 EQT0152 EQT0153 EQT0154 EQT0155 EQT0156 EQT0157 EQT0158 EQT0159 EQT0160 EQT0161 EQT0162 EQT0163 EQT0164 EQT0165 EQT0166 EQT0167 EQT0168 EQT0169 EQT0170 EQT0171 EQT0172 EQT0173 EQT0174 EQT0175 EQT0176 EQT0177 EQT0178 EQT0179 EQT0180 EQT0181 EQT0182 EQT0183 EQT0184 EQT0185 EQT0186 EQT0187 EQT0188 EQT0189 EQT0190 EQT0191 EQT0192 EQT0193 EQT0194 EQT0195 EQT0196 EQT0197 EQT0198 EQT0199 EQT0200 EQT0201 EQT0202 EQT0203 EQT0204 EQT0205 EQT0206 EQT0207 EQT0208 EQT0209 EQT0210 EQT0211 EQT0212 EQT0213 EQT0214 EQT0215 EQT0216 EQT0217 EQT0218 EQT0219 EQT0220 EQT0221 EQT0222 EQT0223 EQT0224 EQT0225 EQT0226 EQT0227 EQT0228 EQT0229 EQT0230 EQT0231 EQT0232 EQT0233 EQT0234 EQT0235 EQT0236 EQT0237 EQT0238 EQT0239 EQT0240 EQT0241 EQT0242 EQT0243 EQT0244 EQT0245 EQT0246 EQT0247 EQT0248 EQT0249 EQT0250 EQT0251 EQT0252 EQT0253 EQT0254 EQT0255 EQT0256 EQT0257 EQT0258 EQT0259 EQT0260 EQT0261 EQT0262 EQT0263 EQT0264 EQT0265 EQT0266 EQT0267 EQT0268 EQT0269 EQT0270 EQT0271 EQT0272 EQT0273 EQT0274 EQT0275 EQT0276 EQT0277 EQT0278 EQT0279 EQT0280 FUG0001 FUG0002 GRP0005 RLP0009 RLP0010 RLP0011 RLP0012

435 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

436 [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. Subpart M. [40 CFR 61.145(b)(1)]

437 [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.

438 [40 CFR 61.342(d)(2)(i)] Benzene < 1 Mg/yr (1.1 ton/yr) total quantity. Subpart FF. [40 CFR 61.342(d)(2)(i)]
Which Months: All Year Statistical Basis: None specified

439 [40 CFR 61.] All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.

440 [40 CFR 68.15(a)] Develop a management system to oversee the implementation of the risk management program elements. [40 CFR 68.15(a)]

441 [40 CFR 68.15(b)] Assign a qualified person or position that has the overall responsibility for the development, implementation, and integration of the risk management program elements. [40 CFR 68.15(b)]

442 [40 CFR 68.15(c)] Define the lines of authority through an organization chart or similar document when responsibility for implementing individual requirements of 40 CFR 68 is assigned to persons other than the person identified under 68.15(b). [40 CFR 68.15(c)]

443 [40 CFR 68.15(c)] Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the names or positions of the people, other than the person identified under 68.15(b), who are assigned responsibility for implementing individual requirements of 40 CFR 68. [40 CFR 68.15(c)]

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444	[40 CFR 68.150]	Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.
445	[40 CFR 68.155]	Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).
446	[40 CFR 68.160]	Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).
447	[40 CFR 68.165]	Submit in the RMP information the release scenarios specified in 68.165(a)(2). Include the data listed in 68.165(b)(1) through (13).
448	[40 CFR 68.168]	Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
449	[40 CFR 68.175]	Provide in the RMP the information indicated in 68.175(b) through (p).
450	[40 CFR 68.180]	Provide in the RMP the emergency response information listed in 68.180(a) through (c).
451	[40 CFR 68.185(b)]	Submit in the RMP a single certification that, to the best of the signer's knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete. [40 CFR 68.185(b)]
452	[40 CFR 68.190(c)]	Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
453	[40 CFR 68.200]	Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
454	[40 CFR 68.22]	Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.
455	[40 CFR 68.25]	Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).
456	[40 CFR 68.28]	Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).
457	[40 CFR 68.30]	Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
458	[40 CFR 68.33]	List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
459	[40 CFR 68.36(b)]	Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
460	[40 CFR 68.36]	Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
461	[40 CFR 68.39]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
462	[40 CFR 68.42]	Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.

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GRP0004 Entire Facility

463	[40 CFR 68.65(a)]	Compile written process safety information, which includes information pertaining to the hazards of the regulated substances used or produced by the process, information pertaining to the technology of the process, and information pertaining to the equipment in the process, before conducting any process hazard analysis required by 40 CFR 68. [40 CFR 68.65(a)]
464	[40 CFR 68.65(d)(2)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that equipment complies with recognized and generally accepted good engineering practices. [40 CFR 68.65(d)(2)]
465	[40 CFR 68.65(d)(3)]	Determine that existing equipment, designed and constructed in accordance with codes, standards, or practices that are no longer in general use, is designed, maintained, inspected, tested, and operating in a safe manner. [40 CFR 68.65(d)(3)]
466	[40 CFR 68.65(d)(3)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that existing equipment, designed and constructed in accordance with codes, standards, or practices that are no longer in general use, is designed, maintained, inspected, tested, and operating in a safe manner. [40 CFR 68.65(d)(3)]
467	[40 CFR 68.67(a)]	Determine the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
468	[40 CFR 68.67(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
469	[40 CFR 68.67(b)]	Use one or more of the methodologies in Sec. 68.67(b)(1) through (b)(7) to determine and evaluate the hazards of the process being analyzed. [40 CFR 68.67(b)]
470	[40 CFR 68.67(d)]	Use a team with expertise in engineering and process operations to perform the process hazard analysis. Include at least one employee who has experience and knowledge specific to the process being evaluated, and at least one employee who is knowledgeable in the specific process hazard analysis methodology being used. [40 CFR 68.67(d)]
471	[40 CFR 68.67(e)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the resolution of the recommendations of the team performing the process hazard analysis, and what actions are to be taken. [40 CFR 68.67(e)]
472	[40 CFR 68.67(e)]	Establish a system to promptly address the team's findings and recommendations; assure that the recommendations are resolved in a timely manner and that the resolution is documented; document what actions are to be taken; complete actions as soon as possible; develop a written schedule of when these actions are to be completed; communicate the actions to operating, maintenance and other employees whose work assignments are in the process and who may be affected by the recommendations or actions. [40 CFR 68.67(e)]
473	[40 CFR 68.67(f)]	Update and revalidate the process hazard analysis at least every five years after the completion of the initial process hazard analysis, to assure that the process hazard analysis is consistent with the current process. Use a team that meets the requirements in Sec. 68.67(d). [40 CFR 68.67(f)]
474	[40 CFR 68.67(g)]	Retain process hazards analyses and updates or revalidations for each process covered by this section, as well as the documented resolution of recommendations described in Sec. 68.67(e), for the life of the process. [40 CFR 68.67(g)]
475	[40 CFR 68.67]	Perform an initial process hazard analysis (hazard evaluation) on processes covered by 40 CFR 68 as soon as possible, but not later than June 21, 1999. The process hazard analysis shall identify, evaluate, and control the hazards involved in the process, and address the information in 40 CFR 68.67(c)(1) through (7).

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476	[40 CFR 68.69(a)]	Develop and implement written operating procedures that provide clear instructions for safely conducting activities involved in each covered process consistent with the process safety information. Address steps for each operating phase, operating limits, safety and health considerations, and safety systems and their functions in the procedures. [40 CFR 68.69(a)]
477	[40 CFR 68.69(b)]	Make operating procedures readily accessible to employees who work in or maintain a process. [40 CFR 68.69(b)]
478	[40 CFR 68.69(c)]	Review operating procedures as often as necessary to assure that they reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources. Certify annually that these operating procedures are current and accurate. [40 CFR 68.69(c)]
479	[40 CFR 68.69(d)]	Develop and implement safe work practices to provide for the control of hazards during specific operations. [40 CFR 68.69(d)]
480	[40 CFR 68.71(a)(1)]	Train each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, in an overview of the process and in the operating procedures as specified in Sec. 68.69. Emphasize the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks. [40 CFR 68.71(a)(1)]
481	[40 CFR 68.71(b)]	Provide refresher training at least every three years, and more often if necessary, to each employee involved in operating a process to assure that the employee understands and adheres to the current operating procedures of the process. [40 CFR 68.71(b)]
482	[40 CFR 68.71(c)]	Ascertain that each employee involved in operating a process has received and understood the training required by Sec. 68.71. [40 CFR 68.71(c)]
483	[40 CFR 68.71(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Prepare a record which contains the identity of the employee, the date of training required by 40 CFR 68.71, and the means used to verify that the employee understood the training. [40 CFR 68.71(c)]
484	[40 CFR 68.73(b)]	Establish and implement written procedures to maintain the ongoing integrity of process equipment listed in Sec. 68.73(a). [40 CFR 68.73(b)]
485	[40 CFR 68.73(c)]	Train each employee involved in maintaining the ongoing integrity of process equipment in an overview of that process and its hazards and in the procedures applicable to the employee's job tasks to assure that the employee can perform the job tasks in a safe manner. [40 CFR 68.73(c)]
486	[40 CFR 68.73(d)(4)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document each inspection and test that has been performed on process equipment. Maintain records of the information specified in Sec. 68.73(d)(4). [40 CFR 68.73(d)(4)]
487	[40 CFR 68.73(d)]	Perform inspections and tests following recognized and generally accepted good engineering practices on process equipment listed in 40 CFR 68.73(a). Make the frequency of inspections and tests consistent with applicable manufacturer's recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience. [40 CFR 68.73(d)]
488	[40 CFR 68.73(e)]	Correct deficiencies in equipment that are outside acceptable limits before further use or in a safe and timely manner when necessary means are taken to assure safe operation. [40 CFR 68.73(e)]
489	[40 CFR 68.73(f)]	Assure that equipment as it is fabricated is suitable for the process application for which it will be used, in the construction of new plants and equipment. Perform appropriate checks and inspections to assure that equipment is installed properly and consistent with design specifications and the manufacturer's instructions. Assure that maintenance materials, spare parts and equipment are suitable for the process application for which they will be used. [40 CFR 68.73(f)]
490	[40 CFR 68.75(c)]	Inform employees involved in operating a process, and maintenance and contract employees whose job tasks will be affected, of a change in the process and train them in the change, prior to start-up of the process or affected part of the process. [40 CFR 68.75(c)]

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491	[40 CFR 68.75(d)]	Update the process safety information required by Sec. 68.65 if a change covered by 68.75 results in a change in the process safety information. [40 CFR 68.75(d)]
492	[40 CFR 68.75(e)]	Update the operating procedures or practices required by Sec. 68.69 if a change covered by 68.75 results in a change in the operating procedures or practices. [40 CFR 68.75(e)]
493	[40 CFR 68.75]	Establish and implement written procedures to manage changes to process chemicals, technology, equipment, and procedures; and, changes to stationary sources that affect a covered process. Assure that the considerations specified in Sec. 68.75(b)(1) through (b)(5) are addressed prior to any change.
494	[40 CFR 68.77]	Perform a pre-startup safety review for new stationary sources and for modified stationary sources when the modification is significant enough to require a change in the process safety information. Safety review must confirm the information specified in Sec. 68.77(b)(1) through (b)(4) prior to the introduction of regulated substances to a process.
495	[40 CFR 68.79(c)]	Develop a report of the findings of the compliance audit required by 40 CFR 68.79(a). [40 CFR 68.79(c)]
496	[40 CFR 68.79(d)]	Determine an appropriate response to each of the findings of the compliance audit. [40 CFR 68.79(d)]
497	[40 CFR 68.79(d)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the appropriate response to each of the findings of the compliance audit, and document that deficiencies have been corrected. [40 CFR 68.79(d)]
498	[40 CFR 68.79(e)]	Retain the two (2) most recent compliance audit repots. [40 CFR 68.79(e)]
499	[40 CFR 68.79]	Conduct compliance audit: Due at least every three years. Certify compliance with the provisions of the prevention program to verify that procedures and practices developed under 40 CFR 68 are adequate and are being followed. Conduct compliance audit by at least one person knowledgeable in the process.
500	[40 CFR 68.81(c)]	Establish an incident investigation team consisting of at least one person knowledgeable in the process involved, including a contract employee if the incident involved work of the contractor, and other persons with appropriate knowledge and experience to thoroughly investigate and analyze the incident. [40 CFR 68.81(c)]
501	[40 CFR 68.81(e)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document resolutions and corrective actions of the incident report findings and recommendations. [40 CFR 68.81(e)]
502	[40 CFR 68.81(e)]	Establish a system to promptly address and resolve the incident report findings and recommendations. [40 CFR 68.81(e)]
503	[40 CFR 68.81]	Conduct incident investigation: Due as promptly as possible, but not later than 48 hours following each incident which resulted in, or could reasonably have resulted in a catastrophic release of a regulated substance.
504	[40 CFR 68.81]	Prepare a report at the conclusion of the incident investigation which includes, at a minimum, the information specified in 40 CFR 68.81(d)(1) through (5). Review the report with all affected personnel whose job tasks are relevant to the incident findings including contract employees where applicable. Retain the incident investigation reports for five years.
505	[40 CFR 68.83(a)]	Develop a written plan of action regarding the implementation of the employee participation required by 40 CFR 68. [40 CFR 68.83(a)]
506	[40 CFR 68.83(b)]	Consult with employees and their representatives on the conduct and development of process hazards analyses and on the development of the other elements of process safety management. [40 CFR 68.83(b)]
507	[40 CFR 68.83(c)]	Provide to employees and their representatives access to process hazard analyses and to all other information required to be developed under 40 CFR 68. [40 CFR 68.83(c)]

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508	[40 CFR 68.85]	Issue a hot work permit for hot work operations conducted on or near a covered process. Document in the permit that the fire prevention and protection requirements in 29 CFR 1910.252(a) have been implemented prior to beginning the hot work operations; indicate the date(s) authorized for hot work; and identify the object on which hot work is to be performed. Keep permit on file until completion of the hot work operations.
509	[40 CFR 68.87(b)(1)]	Obtain and evaluate information regarding the contract owner or operator's safety performance and programs, when selecting a contractor. [40 CFR 68.87(b)(1)]
510	[40 CFR 68.87(b)(2)]	Inform contract owner or operator of the known potential fire, explosion, or toxic release hazards related to the contractor's work and the process. [40 CFR 68.87(b)(2)]
511	[40 CFR 68.87(b)(3)]	Explain to the contract owner or operator the applicable provisions of 40 CFR 68 Subpart E. [40 CFR 68.87(b)(3)]
512	[40 CFR 68.87(b)(4)]	Develop and implement safe work practices consistent with Sec. 68.69(d), to control the entrance, presence, and exit of the contract owner or operator and contract employees in covered process areas. [40 CFR 68.87(b)(4)]
513	[40 CFR 68.87(b)(5)]	Periodically evaluate the performance of the contract owner or operator in fulfilling their obligations as specified in 40 CFR 68.87(c). [40 CFR 68.87(b)(5)]
514	[40 CFR 68.95(a)]	Develop and implement an emergency response program for the purpose of protecting public health and the environment. Include in the program the elements listed in 40 CFR 68.95(a)(1) through (4). [40 CFR 68.95(a)]
515	[40 CFR 68.95(c)]	Coordinate the emergency response plan developed under 68.95(a)(1) with the community emergency response plan developed under 42 U.S.C. 11003. Upon request of the local emergency planning committee or emergency response officials, promptly provide information necessary for developing and implementing the community emergency response plan. [40 CFR 68.95(c)]
516	[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)]
517	[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)]
518	[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)]
519	[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)]
520	[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.
521	[LAC 33:III.1109.B]	Outdoor burning of waste material or other combustible material is prohibited.

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GRP0004 Entire Facility.

522	[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.
523	[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.
524	[LAC 33:III.2141.A]	Control emissions of volatile organic compounds from petroleum refinery process unit turnarounds by pumping the liquid contents to storage and depressurizing the processing units to five psig (pounds per square inch gauge) or below before venting to the atmosphere. Control the vapors during the depressurization prior to venting to atmosphere by one of the applicable methods specified in LAC 33:III.2115.A, B, and F.
525	[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.
526	[LAC 33:III.2901.D]	Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
527	[LAC 33:III.2901.F]	If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
528	[LAC 33:III.501.C.6]	Benzene <= 0.06 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
529	[LAC 33:III.501.C.6]	Carbon disulfide <= 0.002 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
530	[LAC 33:III.501.C.6]	Carbon monoxide <= 282.38 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
531	[LAC 33:III.501.C.6]	Carbonyl sulfide <= 0.002 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
532	[LAC 33:III.501.C.6]	Cumene <= 0.01 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
533	[LAC 33:III.501.C.6]	Ethyl benzene <= 0.05 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
534	[LAC 33:III.501.C.6]	Hydrogen sulfide <= 0.002 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
535	[LAC 33:III.501.C.6]	Naphthalene <= 0.0002 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
536	[LAC 33:III.501.C.6]	Nitrogen oxides <= 187.74 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
537	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) <= 17.83 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
538	[LAC 33:III.501.C.6]	Sulfur dioxide <= 99.37 tons/yr. Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
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GRP0004 Entire Facility

539	[LAC 33:III.501.C.6]	Sulfuric acid <= 0.62 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
540	[LAC 33:III.501.C.6]	Toluene <= 0.28 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
541	[LAC 33:III.501.C.6]	VOC, Total <= 386.87 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
542	[LAC 33:III.501.C.6]	Xylene (mixed isomers) <= 0.33 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
543	[LAC 33:III.501.C.6]	n-Hexane <= 0.57 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
544	[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.
545	[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.
546	[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.
547	[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.
548	[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.
549	[LAC 33:III.5611.A]	Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
550	[LAC 33:III.5611.B]	During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
551	[LAC 33:III.5901.A]	Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
552	[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.
553	[LAC 33:III.927]	Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0003 SB-3	3.78	3.78	16.56	4.50	4.50	19.71	0.34	0.34	1.50	0.03	0.03	0.12	0.25	0.25	1.08
EQT 0004 SB-4	4.12	4.12	18.03	4.90	4.90	21.46	0.37	0.37	1.63	0.03	0.03	0.13	0.27	0.27	1.18
EQT 0005 PH-5	0.74	0.74	3.24	0.88	0.88	3.85	0.07	0.07	0.29	0.01	0.01	0.02	0.05	0.05	0.21
EQT 0006 PH-14	0.63	0.63	2.76	0.75	0.75	3.29	0.06	0.06	0.25	0.005	0.005	0.02	0.04	0.04	0.18
EQT 0007 PH-15	1.25	1.25	5.48	1.49	1.49	6.53	0.11	0.11	0.50	0.01	0.01	0.04	0.08	0.08	0.36
EQT 0009 PH-19	1.02	1.02	4.49	1.22	1.22	5.34	0.09	0.09	0.41	0.01	0.01	0.03	0.07	0.07	0.29
EQT 0010 PH-20	0.51	0.51	2.24	0.61	0.61	2.67	0.05	0.05	0.20	0.004	0.004	0.02	0.03	0.03	0.15
EQT 0011 PH-21	0.32	0.32	1.41	0.38	0.38	1.67	0.03	0.03	0.13	0.11	0.11	0.50	0.02	0.02	0.09
EQT 0012 PH-22	0.44	0.44	1.91	0.52	0.52	2.28	0.04	0.04	0.17	0.16	0.16	0.68	0.03	0.03	0.13
EQT 0013 PH-23	0.56	0.56	2.45	0.67	0.67	2.92	0.05	0.05	0.22	0.20	0.20	0.88	0.04	0.04	0.16
EQT 0014 PH-24	0.7	0.7	3.05	0.83	0.83	3.64	0.06	0.06	0.28	10.18	14.4	44.60	0.05	0.05	0.20
EQT 0015 PH-25	11.85	11.85	51.92	2.18	2.18	9.54				0.002	0.002	0.01	4.52	4.52	19.79
EQT 0017 PH-27	5.01	5.01	21.93	5.96	5.96	26.11	0.45	0.45	1.98	1.79	1.79	7.83	0.33	0.33	1.44
EQT 0019 93-1	0.87	0.87	3.83	1.04	1.04	4.56	0.08	0.08	0.35	0.01	0.01	0.03	0.06	0.06	0.25
EQT 0020 93-2	0.46	0.46	1.99	0.54	0.54	2.37	0.04	0.04	0.18	0.003	0.003	0.01	0.03	0.03	0.13
EQT 0021 93-3	1.68	1.68	7.36	2.00	2.00	8.76	0.15	0.15	0.67	0.01	0.01	0.05	0.11	0.11	0.48
EQT 0022 93-4		66.22			1.35			0.27			17.72			0.15	
EQT 0023 93-5	2.00	2.00	8.76	2.38	2.38	10.42	0.18	0.18	0.79	0.01	0.01	0.06	0.13	0.13	0.57
EQT 0024 94-1A													<0.0001	<0.0001	0.0001
EQT 0025 94-1B													<0.0001	<0.0001	<0.0001
EQT 0026 94-1C													<0.0001	<0.0001	<0.0001
EQT 0027 94-2							0.007	0.007	0.03				0.31	0.31	1.34
EQT 0028 96-1													1.99	29.21	8.70

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AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0029 96-2													0.39	10.32	1.70
EQT 0031 98-1	0.42	0.42	1.84	0.50	0.50	2.19	0.04	0.04	0.17	0.003	0.003	0.01	0.03	0.03	0.12
EQT 0032 98-2	0.17	0.17	0.74	0.20	0.20	0.88	0.02	0.02	0.07	0.001	0.001	0.01	0.01	0.01	0.05
EQT 0033 00-1	2.01	2.01	8.78	0.37	0.37	1.61				0.17	0.17	0.75	6.39	6.39	28.01
EQT 0034 T-10003													0.71	0.71	3.09
EQT 0035 T-10004													0.02	0.02	0.07
EQT 0036 T-10005													0.02	0.02	0.07
EQT 0037 T-10006													0.03	0.03	0.11
EQT 0038 T-10007													0.02	0.02	0.07
EQT 0039 T-10008													0.012	0.012	0.05
EQT 0040 T-10009													0.012	0.012	0.05
EQT 0041 T-1001													0.011	0.011	0.05
EQT 0042 T-10010													0.014	0.014	0.06
EQT 0043 T-10011													0.015	0.015	0.07
EQT 0044 T-10012													0.014	0.014	0.06
EQT 0045 T-10013													0.012	0.012	0.05
EQT 0046 T-10014													0.012	0.012	0.05
EQT 0047 T-10015													0.014	0.014	0.06
EQT 0048 T-10016													0.25	0.25	1.11
EQT 0049 T-10017													0.01	0.01	0.04
EQT 0050 T-10018													0.01	0.01	0.05
EQT 0051 T-10019													0.001	0.011	0.05
EQT 0052 T-1002													0.011	0.011	0.05

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
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Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0053 T-10020													0.012	0.012	0.05
EQT 0054 T-10022													0.03	0.03	0.12
EQT 0055 T-10024													0.014	0.014	0.06
EQT 0056 T-10025													0.014	0.014	0.06
EQT 0057 T-10026													0.014	0.014	0.06
EQT 0058 T-10027													0.014	0.014	0.06
EQT 0059 T-1003													0.001	0.001	0.005
EQT 0060 T-1004													0.001	0.001	0.005
EQT 0061 T-1005													0.001	0.001	0.005
EQT 0062 T-1006													0.001	0.001	0.005
EQT 0063 T-1007													0.002	0.002	0.006
EQT 0064 T-1008													0.002	0.002	0.010
EQT 0065 T-1009													0.001	0.001	0.005
EQT 0066 T-1011													0.001	0.001	0.005
EQT 0067 T-1070													0.08	0.08	0.34
EQT 0068 T-1071													0.02	0.02	0.07
EQT 0069 T-12001													0.011	0.011	0.050
EQT 0070 T-1501													0.010	0.010	0.044
EQT 0071 T-1502													0.010	0.010	0.044
EQT 0072 T-1503													0.010	0.010	0.044
EQT 0073 T-1504													0.003	0.003	0.010
EQT 0074 T-1505													0.002	0.002	0.007
EQT 0075 T-1506													0.002	0.002	0.007

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EMISSION RATES FOR CRITERIA POLLUTANTS

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Activity Number: PER20060002
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Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0076 T-1919													0.002	0.002	0.010
EQT 0077 T-20001													0.024	0.024	0.100
EQT 0078 T-20002													0.040	0.040	0.170
EQT 0079 T-20003													0.030	0.030	0.120
EQT 0080 T-20004													0.030	0.030	0.120
EQT 0081 T-20005													0.040	0.040	0.170
EQT 0082 T-20006													0.021	0.021	0.090
EQT 0083 T-2016													0.028	0.028	0.120
EQT 0084 T-2017													0.022	0.022	0.100
EQT 0085 T-2018													0.022	0.022	0.100
EQT 0086 T-202													0.0004	0.0004	0.002
EQT 0087 T-2022													0.003	0.003	0.012
EQT 0088 T-2023													0.005	0.005	0.020
EQT 0089 T-2024													0.004	0.004	0.020
EQT 0090 T-2025													0.003	0.003	0.012
EQT 0091 T-2026													0.003	0.003	0.014
EQT 0092 T-2027													0.003	0.003	0.014
EQT 0093 T-2028													0.003	0.003	0.015
EQT 0094 T-2029													0.003	0.003	0.012
EQT 0095 T-2030													0.003	0.003	0.012
EQT 0096 T-2031													0.003	0.003	0.012
EQT 0097 T-2032													0.003	0.003	0.012
EQT 0098 T-2033													0.003	0.003	0.012

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0099 T-2034													0.003	0.003	0.012
EQT 0100 T-2041													0.003	0.003	0.012
EQT 0101 T-2042													0.003	0.003	0.012
EQT 0102 T-205													0.0004	0.0004	0.002
EQT 0103 T-241													0.240	0.240	1.040
EQT 0104 T-250													0.001	0.001	0.006
EQT 0105 T-2501													0.004	0.004	0.020
EQT 0106 T-2502													0.004	0.004	0.020
EQT 0107 T-2503													0.004	0.004	0.020
EQT 0108 T-2504													0.004	0.004	0.020
EQT 0109 T-260													0.060	0.060	0.027
EQT 0110 T-270													0.0014	0.0014	0.0062
EQT 0111 T-28001													0.150	0.150	0.670
EQT 0112 T-3000													0.004	0.004	0.02
EQT 0113 T-3001													0.004	0.004	0.020
EQT 0114 T-301													0.0003	0.0003	0.001
EQT 0115 T-302													0.0003	0.0003	0.001
EQT 0116 T-303													0.0004	0.0004	0.002
EQT 0117 T-304													0.0004	0.0004	0.002
EQT 0118 T-305													0.0004	0.0004	0.002
EQT 0119 T-306													0.0004	0.0004	0.002
EQT 0120 T-307													0.0003	0.0003	0.002
EQT 0121 T-308B													0.0003	0.0003	0.002

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EMISSION RATES FOR CRITERIA POLLUTANTS

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Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0122 T-309													0.0003	0.0003	0.002
EQT 0123 T-310													0.0003	0.0003	0.002
EQT 0124 T-311													0.0003	0.0003	0.002
EQT 0127 H-100R	2.10	2.10	9.20	2.50	2.50	10.95	0.19	0.19	0.83	0.02	0.02	0.07	0.14	0.14	0.60
EQT 0139 03-1							0.26	0.26	1.13						
EQT 0140 03-2							0.12		0.52						
EQT 0141 03-2A								0.12							
EQT 0142 03-2B								0.12							
EQT 0143 03-3							0.53	0.53	2.30				0.0004	0.0004	0.002
EQT 0144 05-1		66.22			1.35			0.27			17.72			0.15	
EQT 0145 PH-13	1.41	1.41	6.18	1.68	1.68	7.36	0.13	0.13	0.56	0.01	0.01	0.04	0.09	0.09	0.40
EQT 0146 T-2505													0.06	0.06	0.03
EQT 0147 T-261													0.060	0.060	0.260
EQT 0148 T-312													0.0003	0.0003	0.002
EQT 0149 T-313													<0.0001	<0.0001	0.0001
EQT 0150 T-314													<0.0001	<0.0001	0.0001
EQT 0151 T-315													0.0003	0.0003	0.001
EQT 0152 T-316													0.0003	0.0003	0.001
EQT 0153 T-317													0.0003	0.0003	0.001
EQT 0154 T-318													0.0003	0.0003	0.001
EQT 0155 T-360													0.0002	0.0002	0.001
EQT 0156 T-361													0.0002	0.0002	0.001
EQT 0157 T-362													0.0002	0.0002	0.001

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
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Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0158 T-363													0.0002	0.0002	0.001
EQT 0161 T-40001													0.23	0.23	1.00
EQT 0162 T-40002													0.04	0.04	0.16
EQT 0163 T-401													0.02	0.02	0.07
EQT 0164 T-402													0.02	0.02	0.07
EQT 0165 T-403													0.02	0.02	0.07
EQT 0166 T-404													0.02	0.02	0.07
EQT 0167 T-405													0.02	0.02	0.07
EQT 0168 T-406													0.02	0.02	0.07
EQT 0169 T-407													0.0004	0.0004	0.002
EQT 0170 T-408													0.0005	0.0005	0.002
EQT 0171 T-409													0.0005	0.0005	0.002
EQT 0172 T-410													0.0003	0.0003	0.001
EQT 0173 T-411													0.0003	0.0003	0.001
EQT 0174 T-412													0.0003	0.0003	0.001
EQT 0175 T-413													0.0003	0.0003	0.001
EQT 0176 T-414													0.0003	0.0003	0.001
EQT 0177 T-415													0.005	0.005	0.023
EQT 0178 T-416													0.003	0.003	0.01
EQT 0179 T-417													0.003	0.003	0.01
EQT 0180 T-418													0.003	0.003	0.001
EQT 0181 T-419													0.003	0.003	0.01
EQT 0182 T-420													0.003	0.003	0.01

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EMISSION RATES FOR CRITERIA POLLUTANTS

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Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0183 T-421													0.003	0.003	0.01
EQT 0184 T-422													0.003	0.003	0.01
EQT 0185 T-45001													0.18	0.18	0.80
EQT 0187 T-501													0.0007	0.0007	0.003
EQT 0188 T-502													0.0008	0.0008	0.003
EQT 0189 T-5050													0.008	0.008	0.034
EQT 0190 T-5051													0.04	0.04	0.20
EQT 0191 T-5052													0.005	0.005	0.02
EQT 0192 T-5053													0.005	0.005	0.02
EQT 0193 T-5054													0.005	0.005	0.02
EQT 0194 T-5055													0.009	0.009	0.04
EQT 0195 T-5056													0.009	0.009	0.04
EQT 0196 T-5057													0.005	0.005	0.02
EQT 0197 T-5058													0.005	0.005	0.02
EQT 0198 T-5059													0.009	0.009	0.04
EQT 0199 T-5060													0.007	0.007	0.03
EQT 0200 T-5061													0.006	0.006	0.03
EQT 0201 T-5062													0.006	0.006	0.03
EQT 0202 T-5063													0.004	0.004	0.02
EQT 0203 T-5064													0.004	0.004	0.02
EQT 0204 T-5065													0.004	0.004	0.02
EQT 0205 T-5066													0.004	0.004	0.02
EQT 0206 T-5067													0.004	0.004	0.02

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0207 T-5068													2.98	2.98	13.05
EQT 0208 T-5069													0.09	0.09	0.38
EQT 0209 T-507													0.0007	0.0007	0.003
EQT 0210 T-5070													0.09	0.09	0.38
EQT 0211 T-5071													0.005	0.005	0.023
EQT 0212 T-5072													0.005	0.005	0.023
EQT 0213 T-508													0.0007	0.0007	0.003
EQT 0214 T-509													0.001	0.001	0.005
EQT 0215 T-513													0.0006	0.0006	0.003
EQT 0216 T-514													0.006	0.006	0.024
EQT 0217 T-515													0.0007	0.0007	0.003
EQT 0218 T-516													0.0007	0.0007	0.003
EQT 0219 T-517													0.0005	0.0005	0.002
EQT 0220 T-518													0.0005	0.0005	0.002
EQT 0221 T-519													0.0006	0.0006	0.002
EQT 0222 T-520													0.0005	0.0005	0.002
EQT 0223 T-529													0.0005	0.0005	0.002
EQT 0224 T-55001													0.35	0.35	1.53
EQT 0225 T-57001													0.62	0.62	2.7
EQT 0226 T-751													0.003	0.003	0.012
EQT 0227 T-752													0.003	0.003	0.012
EQT 0228 T-753													0.003	0.003	0.012
EQT 0229 T-96-4													0.07	0.07	0.3

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0230 T-96-5													0.07	0.07	0.3
EQT 0231 T-AG1													0.002	0.002	0.008
EQT 0232 T-AG2													0.002	0.002	0.008
EQT 0233 H-100A	2.10	2.10	9.20	2.50	2.50	10.95	0.19	0.19	0.83	0.02	0.02	0.07	0.14	0.14	0.60
EQT 0234 07-1	0.22	0.22	0.97	0.26	0.26	1.16	0.02	0.02	0.09	0.09	0.09	0.38	0.01	0.01	0.06
EQT 0235 07-2	1.38	1.38	6.06	1.65	1.65	7.21	0.13	0.13	0.55	0.53	0.53	2.33	0.09	0.09	0.40
EQT 0236 07-3	1.24	1.24	5.41	1.47	1.47	6.44	0.11	0.11	0.49	0.44	0.44	1.93	0.08	0.08	0.35
EQT 0237 07-4	0.22	0.22	0.97	0.26	0.26	1.16	0.02	0.02	0.09	0.09	0.09	0.38	0.01	0.01	0.06
EQT 0238 T-10028													0.04	0.04	0.17
EQT 0239 T-10029													0.04	0.04	0.17
EQT 0240 T-10030													0.05	0.05	0.23
EQT 0241 T-10031													0.05	0.05	0.23
EQT 0242 T-10032													0.05	0.05	0.23
EQT 0243 T-10033													0.05	0.05	0.23
EQT 0244 T-20008													0.27	0.27	1.20
EQT 0245 T-20009													0.23	0.23	1.00
EQT 0246 T-20010													0.23	0.23	1.00
EQT 0247 T-20011													0.12	0.12	0.52
EQT 0248 T-20012													0.12	0.12	0.52
EQT 0249 T-20013													0.04	0.04	0.17
EQT 0250 T-20014													0.04	0.04	0.17
EQT 0251 T-20015													0.09	0.09	0.41
EQT 0252 T-20016													0.09	0.09	0.41

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
EQT 0253 T-20017													0.09	0.09	0.41
EQT 0254 T-20018													0.09	0.09	0.41
EQT 0255 T-2506													0.0004	0.0004	0.002
EQT 0256 T-2507													0.0004	0.0004	0.002
EQT 0257 T-2508													0.0004	0.0004	0.002
EQT 0258 T-2509													0.001	0.001	0.005
EQT 0259 T-5073													0.01	0.01	0.06
EQT 0260 T-5074													0.01	0.01	0.06
EQT 0261 T-5075													0.09	0.09	0.40
EQT 0262 T-5076													0.001	0.001	0.002
EQT 0263 T-5077													0.0003	0.0003	0.001
EQT 0264 T-5078													0.0003	0.0003	0.001
EQT 0265 T-5079													0.01	0.01	0.06
EQT 0266 T-20007													0.27	0.27	1.20
EQT 0267 T-423													0.0006	0.0006	0.002
EQT 0268 T-424													0.0006	0.0006	0.002
EQT 0269 T-425													0.0006	0.0006	0.002
EQT 0270 T-426													0.0006	0.0006	0.002
EQT 0271 T-427													0.0006	0.0006	0.002
EQT 0272 T-428													0.0006	0.0006	0.002
EQT 0277 T-10034													0.73	0.73	3.21
EQT 0278 T-10035													0.73	0.73	3.21
FUG 0001 94-3													41.63	41.63	182.33

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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

	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
Entire Facility															
FUG 0002 WWT-1													19.64	19.64	86.00
GRP 0005 ASPHALTCAP	17.26		75.62	0.62		2.71	0.14		0.62	8.76		38.37	0.13		0.56
RLP 0009 94-4A													0.17	0.17	0.75
RLP 0010 94-4B													0.17	0.17	0.75

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

Permit Phase Totals:

PM10: 17.83 tons/yr

SO2: 99.37 tons/yr

NOx: 187.74 tons/yr

CO: 282.38 tons/yr

VOC: 386.87 tons/yr

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0024 94-1A	Benzene	< 0.0001	< 0.0001	< 0.0001
	Ethyl benzene	< 0.0001	< 0.0001	< 0.0001
	Toluene	< 0.0001	< 0.0001	< 0.0001
	Xylene (mixed isomers)	< 0.0001	< 0.0001	< 0.0001
EQT 0025 94-1B	Benzene	< 0.0001	< 0.0001	< 0.0001
	Ethyl benzene	< 0.0001	< 0.0001	< 0.0001
	Toluene	< 0.0001	< 0.0001	< 0.0001
	Xylene (mixed isomers)	< 0.0001	< 0.0001	< 0.0001
EQT 0026 94-1C	Benzene	< 0.0001	< 0.0001	< 0.0001
	Ethyl benzene	< 0.0001	< 0.0001	< 0.0001
	Toluene	< 0.0001	< 0.0001	< 0.0001
	Xylene (mixed isomers)	< 0.0001	< 0.0001	< 0.0001
EQT 0048 T-10016	Ethyl benzene	0.0001	0.0001	0.0003
	Naphthalene	0.0001	0.0001	0.0002
	Toluene	0.001	0.001	0.005
	Xylene (mixed isomers)	0.0006	0.0006	0.003
EQT 0051 T-10019	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0002	0.0002	0.0009
	Xylene (mixed isomers)	0.0001	0.0001	0.0006
EQT 0053 T-10020	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0002	0.0002	0.0010
	Xylene (mixed isomers)	0.0001	0.0001	0.0006
EQT 0054 T-10022	Ethyl benzene	0.0001	0.0001	0.0003
	Toluene	0.0005	0.0005	0.002
	Xylene (mixed isomers)	0.0003	0.0003	0.001
EQT 0055 T-10024	Ethyl benzene	< 0.0001	< 0.0001	0.0002
	Toluene	0.0003	0.0003	0.0010
	Xylene (mixed isomers)	0.0002	0.0002	0.0007
EQT 0056 T-10025	Ethyl benzene	< 0.0001	< 0.0001	0.0002
	Toluene	0.0003	0.0003	0.0010
	Xylene (mixed isomers)	0.0002	0.0002	0.0007
EQT 0067 T-1070	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Naphthalene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0003	0.0003	0.0014

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0067 T-1070	Xylene (mixed isomers)	0.0002	0.0002	0.0009
EQT 0068 T-1071	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Naphthalene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0003	0.0003	0.0014
	Xylene (mixed isomers)	0.0002	0.0002	0.0009
EQT 0070 T-1501	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0002	0.0002	0.0008
	Xylene (mixed isomers)	0.0001	0.0001	0.0005
EQT 0071 T-1502	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0002	0.0002	0.0008
	Xylene (mixed isomers)	0.0001	0.0001	0.0005
EQT 0072 T-1503	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0002	0.0002	0.0008
	Xylene (mixed isomers)	0.0001	0.0001	0.0005
EQT 0077 T-20001	Ethyl benzene	0.0001	0.0001	0.0003
	Toluene	0.0004	0.0004	0.0020
	Xylene (mixed isomers)	0.0003	0.0003	0.0010
EQT 0078 T-20002	Ethyl benzene	0.0001	0.0001	0.0004
	Naphthalene	< 0.0001	< 0.0001	< 0.0001
	Toluene	0.0007	0.0007	0.0030
	Xylene (mixed isomers)	0.0004	0.0004	0.0020
EQT 0079 T-20003	Ethyl benzene	0.0001	0.0001	0.0003
	Toluene	0.0005	0.0005	0.0020
	Xylene (mixed isomers)	0.0003	0.0003	0.0010
EQT 0080 T-20004	Ethyl benzene	0.0001	0.0001	0.0003
	Toluene	0.0005	0.0005	0.0020
	Xylene (mixed isomers)	0.0003	0.0003	0.0010
EQT 0081 T-20005	Ethyl benzene	0.0001	0.0001	0.0004
	Toluene	0.0007	0.0007	0.0030
	Xylene (mixed isomers)	0.0004	0.0004	0.0020
EQT 0082 T-20006	Ethyl benzene	0.0001	0.0001	0.0002
	Toluene	0.0004	0.0004	0.0020
	Xylene (mixed isomers)	0.0002	0.0002	0.0010
EQT 0103 T-241	Benzene	0.0003	0.0003	0.0014

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0103 T-241	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0005	0.0005	0.0020
	Xylene (mixed isomers)	0.0002	0.0002	0.0009
	n-Hexane	0.0040	0.0040	0.0170
EQT 0109 T-260	Benzene	0.0001	0.0001	0.0003
	Toluene	0.0001	0.0001	0.0005
	Xylene (mixed isomers)	0.0001	0.0001	0.0002
	n-Hexane	0.0010	0.0010	0.0040
EQT 0143 03-3	Sulfuric acid	0.14	0.14	0.62
EQT 0147 T-261	Benzene	0.0001	0.0001	0.0003
	Toluene	0.0001	0.0001	0.0005
	Xylene (mixed isomers)	0.0001	0.0001	0.0002
	n-Hexane	0.0010	0.0010	0.0040
EQT 0163 T-401	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0164 T-402	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0165 T-403	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0166 T-404	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0167 T-405	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0168 T-406	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0177 T-415	Toluene	< 0.0001	< 0.0001	0.0001
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0001
EQT 0178 T-416	Toluene	0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0179 T-417	Toluene	< 0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0180 T-418	Toluene	< 0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0181 T-419	Toluene	< 0.0001	0.0001	0.0003

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0181 T-419	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0182 T-420	Toluene	< 0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0183 T-421	Toluene	< 0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0184 T-422	Toluene	< 0.0001	0.0001	0.0003
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0002
EQT 0190 T-5051	Ethyl benzene	< 0.0001	< 0.0001	0.0001
	Toluene	0.0002	0.0002	0.0008
	Xylene (mixed isomers)	0.0001	0.0001	0.0005
EQT 0207 T-5068	Benzene	0.004	0.004	0.02
	Cumene	< 0.0001	< 0.0001	0.0001
	Ethyl benzene	0.0004	0.0004	0.002
	Toluene	0.006	0.006	0.03
	Xylene (mixed isomers)	0.003	0.003	0.011
	n-Hexane	0.05	0.05	0.22
EQT 0215 T-513	Toluene	< 0.0001	< 0.0001	0.0001
EQT 0216 T-514	Toluene	< 0.0001	< 0.0001	0.0001
	Xylene (mixed isomers)	< 0.0001	< 0.0001	0.0001
EQT 0229 T-96-4	Benzene	0.0004	0.0004	0.002
	Ethyl benzene	< 0.0001	< 0.0001	0.0002
	Toluene	0.0005	0.0005	0.002
	Xylene (mixed isomers)	0.0001	0.0001	0.0006
	n-Hexane	0.0004	0.0004	0.002
EQT 0230 T-96-5	Benzene	0.0004	0.0004	0.002
	Ethyl benzene	< 0.0001	< 0.0001	0.0002
	Toluene	0.0005	0.0005	0.002
	Xylene (mixed isomers)	0.0001	0.0001	0.0006
	n-Hexane	0.0004	0.0004	0.002
FUG 0001 94-3	Benzene	0.001	0.001	0.004
	Ethyl benzene	0.001	0.001	0.004
	Toluene	0.004	0.004	0.02
	Xylene (mixed isomers)	0.01	0.01	0.03
	n-Hexane	0.13	0.13	0.57

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1224 - Calumet Lubricants Co LP - Princeton Refinery
Activity Number: PER20060002
Permit Number: 0400-00004-V4
Air - Title V Regular Permit Minor Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
FUG 0002 WWT-1	Benzene	0.01	0.01	0.04
	Cumene	0.002	0.002	0.01
	Ethyl benzene	0.01	0.01	0.05
	Toluene	0.06	0.06	0.27
	Xylene (mixed isomers)	0.08	0.08	0.38
	n-Hexane	0.09	0.09	0.39
RLP 0009 94-4A	Carbon disulfide	0.0002	0.0002	0.001
	Carbonyl sulfide	0.0002	0.0002	0.0009
	Hydrogen sulfide	0.0002	0.0002	0.001
RLP 0010 94-4B	Carbon disulfide	0.0002	0.0002	0.0009
	Carbonyl sulfide	0.0002	0.0002	0.0009
	Hydrogen sulfide	0.0002	0.0002	0.001

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

Permit Parameter Totals:

Benzene: 0.06 tons/yr
Carbon disulfide: 0.002 tons/yr
Carbonyl sulfide: 0.002 tons/yr
Cumene: 0.01 tons/yr
Ethyl benzene: 0.05 tons/yr
Hydrogen sulfide: 0.002 tons/yr
n-Hexane: 0.57 tons/yr
Naphthalene: 0.0002 tons/yr
Sulfuric acid: 0.62 tons/yr
Toluene: 0.28 tons/yr
Xylene (mixed isomers): 0.33 tons/yr