EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6860

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lb/hr	TPY**
101A	Primary Compressor Vent	VOC	0.10	0.44
101B	Primary Compressor Vent	VOC	0.10	0.44
101C	Primary Compressor Vent	VOC	0.10	0.44
101D	Primary Compressor Vent	VOC	0.10	0.44
101E	Primary Compressor Vent	VOC	0.10	0.44
101F	Primary Compressor Vent	VOC	0.10	0.44
102	Hyper Compressor Vent	VOC	0.50	2.20
104	Spin Dryer	VOC PM	(5) (6)	(5) (6)
105	Line 1 Process Fugitives (4)	VOC	2.26	9.90
201A	Primary Compressor Vent	VOC	0.10	0.44
201B	Primary Compressor Vent	VOC	0.10	0.44
201C	Primary Compressor Vent	VOC	0.10	0.44
201D	Primary Compressor Vent	VOC	0.10	0.44
201E	Primary Compressor Vent	VOC	0.10	0.44

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lb/hr	TPY**
201F	Primary Compressor Vent	VOC	0.10	0.44
202	Hyper Compressor Vent	VOC	0.50	2.20
204	Spin Dryer	VOC	(5)	(5)
		PM	(6)	(6)
205	Line 2 Process Fugitives (4)	VOC	2.02	8.86
F-300	Line 3 Process Fugitives (4)	VOC	2.43	10.63
300A	Primary Compressor Vent	VOC	0.11	0.47
300B	Primary Compressor Vent	VOC	0.11	0.47
300C	Primary Compressor Vent	VOC	0.11	0.47
300D	Primary Compressor Vent	VOC	0.11	0.47
300E	Primary Compressor Vent	VOC	0.11	0.47
300F	Primary Compressor Vent	VOC	0.11	0.47
301	Hypercompressor Vent	VOC	0.50	2.20
307	Spin Dryer	VOC	(5)	(5)
		PM	0.34	1.03
502	MSR Heater B-502	VOC	<0.01	0.01
		CO	0.02	0.09
		NO_x	0.02	0.11
		SO_2	<0.01	<0.01
		PM	<0.01	0.01
503A	Analyzer Vent	VOC	0.37	0.45

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lb/hr	TPY**
503B	Analyzer Vent	VOC	0.01	<0.01
503C	Analyzer Vent	VOC	0.03	0.04
503D	Analyzer Vent	VOC	0.01	<0.01
503E	Analyzer Vent	VOC	0.01	<0.04
504	ERU Fugitives (4)	VOC	6.65	29.11
601	Dust Collector	PM	0.12	0.52
602A, 603A	Hopper Vents	PM (7)	0.29	0.64
602B	Hopper Vent	PM	0.08	0.34
603B	Hopper Vent	PM	0.08	0.34
604	Line 1 Blend Silo Dust Collector	VOC	(5)	(5)
		PM	1.08	4.75
605	Line 2 Blend Silo Dust Collector	VOC	(5)	(5)
		PM	1.08	4.75
606	Cyclone	VOC	(5)	(5)
		PM	0.17	0.75
607	Cyclone	VOC	(5)	(5)
		PM	0.17	0.75
608	Cyclone	VOC	(5)	(5)
		PM	0.51	2.25
609	Cyclone	VOC	(5)	(5)
		PM	0.51	2.25
612-D645	Slop Tank	VOC	0.05	<0.01

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lb/hr	TPY**
612-D716	Diesel Tank	VOC	1.10	<0.01
612-D716A	Diesel Tank	VOC	1.10	<0.01
612-F102	Coolant Tank	VOC	0.03	<0.01
612-F108	Oil Tank	VOC	0.03	<0.01
612-F109	Oil Tank	VOC	0.03	<0.01
612-F670	OMS Tank	VOC	0.64	<0.01
612-F706	Oil Tank	VOC	15.00	3.03
612-F801	Gasoline Tank	VOC	5.20	0.82
612-F802	Diesel Tank	VOC	<0.01	<0.01
612-TANK	Storage Tank Area Fugitives (4)	VOC	0.58	2.54
614	Storage Silo/Loading Fugitives (4)	PM	0.11	0.03
615A	Sample Receiver	VOC	(5)	(5)
		PM	0.01	0.05
615B	Sample Receiver	VOC	(5)	(5)
		PM	0.01	0.05
615C	Sample Receiver	VOC	(5)	(5)
		PM	0.01	0.05
616A, 617A, and 625A	Hopper Vent	PM (8)	1.00	3.50
616B	Hopper Vent	PM	0.08	0.34

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lb/hr	TPY**
617B	Hopper Vent	PM	0.08	0.34
618	Transfer Cyclone	VOC	97.91	271.36
		PM	2.73	11.98
619	Sample Cyclone Vent	VOC	(5)	(5)
		PM	0.04	0.18
620	Flotriator Cyclone	VOC	(5)	(5)
		PM	0.88	3.87
621	Scalperator Cyclone	VOC	(5)	(5)
		PM	0.77	3.38
625B	Line 3 Rerun Vacuum Hopper	PM	<0.01	0.02
626A and 626C	Line 3 Masterbatch Hopper	PM (9)	0.47	1.03
626B	Line 3 Masterbatch Hopper	PM	<0.01	0.02
627	Line 3 Blend Silos	VOC	(5)	(5)
		PM	0.44	0.23
628	Line 3 Blend Silos	VOC	(5)	(5)
		PM	0.44	0.23
631	Lines 1, 2, and 3 Rerun Filter Receiver	PM	0.16	0.71
632	MB and Rerun Cyclone Dust Collector	PM	0.23	1.02
701	Flare	VOC	109.07	16.16
		CO	124.21	18.09
		NO_x	31.17	4.49
702	Boiler B-701	VOC	0.71	

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		CO	3.13	
		NO_x	3.73	
		SO_2	0.02	
		PM_{10}	0.28	
702	Boiler B-701A	VOC	0.71	
		CO	3.13	
		NO_x	3.73	
		SO_2	0.02	
		PM_{10}	0.28	
702	Boiler B-701B	VOC	0.71	
		CO	3.13	
		NO_x	3.73	
		SO_2	0.02	
		PM_{10}	0.28	
702, 703, and 704	Boilers B-701, B-701A, and B-701B (10)	VOC		4.31
		CO		30.84
		NO_x		36.71
		SO_2		0.22
		PM_{10}		2.79
706	Utility Area Fugitives (4)	VOC	1.76	7.71
714	Wastewater Area Fugitives (4)	VOC	<0.01	<0.01
985, 986, 987, and 990	Degreasers	VOC (11)	0.84	0.80

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM_{10}.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

NO_x - total oxides of nitrogen

SO_2 - sulfur dioxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Total residual VOC emissions from Emission Point Nos. (EPNs) 104, 204, 307, 604, 605, 606, 607, 608, 609, 615A, 615B, 615C, 618, 619, 620, 621, 627, and 628 are listed under EPN 618.

(6) Total spin dryer particulate emissions from EPNs 104, 204, and 307 are listed under EPN 307.

(7) Total emissions for EPNs 602A and 603A.

(8) Total emissions for EPNs 616A, 617A, and 625A.

(9) Total emissions for EPNs 626A and 626C.

(10) Total emissions for EPNs 702, 703, and 704.

(11) Total emissions for EPNs 985, 986, 987, and 990.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day ____Days/week ____Weeks/year or _8,760_Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated __May 31, 2002__