

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 6860 and PSDTX1464

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(4)
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	(6)	(6)
		PM <sub>10</sub>	(7)	(7)
		PM <sub>2.5</sub>	(7)	(7)
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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

201D	Primary Compressor Vent	VOC	0.10	0.44
201E	Primary Compressor Vent	VOC	0.10	0.44
201F	Primary Compressor Vent	VOC	0.10	0.44
202	Hyper Compressor Vent	VOC	0.50	2.20
204	Spin Dryer	VOC	(6)	(6)
		PM <sub>10</sub>	(7)	(7)
		PM <sub>2.5</sub>	(7)	(7)
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	Hyper Compressor Vent	VOC	0.50	2.20
307	Spin Dryer	VOC	(6)	(6)
		PM <sub>10</sub>	0.34	1.03
		PM <sub>2.5</sub>	0.34	1.03
502	MSR Heater B-502	VOC	0.01	0.01
		CO	0.02	0.09

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		NO <sub>x</sub>	0.02	0.11
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
601	Dust Collector	PM <sub>10</sub>	0.14	0.60
		PM <sub>2.5</sub>	0.14	0.60
602A, 603A	Hopper Vents (8)	PM <sub>10</sub>	0.29	0.64
		PM <sub>2.5</sub>	0.29	0.64
602B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
		PM <sub>2.5</sub>	0.08	0.34
603B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
		PM <sub>2.5</sub>	0.08	0.34
604	Line 1 Blend Silo Dust Collector	VOC	(6)	(6)
		PM <sub>10</sub>	1.08	4.75
		PM <sub>2.5</sub>	1.08	4.75
605	Line 2 Blend Silo Dust Collector	VOC	(6)	(6)
		PM <sub>10</sub>	1.08	4.75
		PM <sub>2.5</sub>	1.08	4.75
606	Cyclone	VOC	(6)	(6)
		PM <sub>10</sub>	0.17	0.75
		PM <sub>2.5</sub>	0.17	0.75
607	Cyclone	VOC	(6)	(6)
		PM <sub>10</sub>	0.17	0.75
		PM <sub>2.5</sub>	0.17	0.75

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

608	Cyclone	VOC	(6)	(6)
		PM <sub>10</sub>	0.51	2.25
		PM <sub>2.5</sub>	0.51	2.25
609	Cyclone	VOC	(6)	(6)
		PM <sub>10</sub>	0.51	2.25
		PM <sub>2.5</sub>	0.51	2.25
612-D645	Slop Tank	VOC	0.05	0.01
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
615A	Sample Receiver	VOC	(6)	(6)
		PM <sub>10</sub>	0.03	0.12
		PM <sub>2.5</sub>	0.03	0.12
615B	Sample Receiver	VOC	(6)	(6)
		PM <sub>10</sub>	0.03	0.12
		PM <sub>2.5</sub>	0.03	0.12
615C	Sample Receiver	VOC	(6)	(6)
		PM <sub>10</sub>	0.03	0.12

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		PM <sub>2.5</sub>	0.03	0.12
616A, 617A, 625A	Hopper Vent (9)	PM <sub>10</sub>	1.00	3.50
		PM <sub>2.5</sub>	1.00	3.50
616B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
		PM <sub>2.5</sub>	0.08	0.34
617B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
		PM <sub>2.5</sub>	0.08	0.34
618	Transfer Cyclone	VOC	97.91	271.36
		PM <sub>10</sub>	2.73	11.98
		PM <sub>2.5</sub>	2.73	11.98
619	Sample Cyclone Vent	VOC	(6)	(6)
		PM <sub>10</sub>	0.04	0.18
		PM <sub>2.5</sub>	0.04	0.18
620	Flotriator Cyclone	VOC	(6)	(6)
		PM <sub>10</sub>	0.88	3.87
		PM <sub>2.5</sub>	0.88	3.87
621	Scalperator Cyclone	VOC	(6)	(6)
		PM <sub>10</sub>	0.77	3.38
		PM <sub>2.5</sub>	0.77	3.38
625B	Line 3 Rerun Vacuum Hopper	PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	0.02
626A and 626C	Line 3 Masterbatch Hopper (10)	PM <sub>10</sub>	0.47	1.03
		PM <sub>2.5</sub>	0.47	1.03
626B	Line 3 Masterbatch Hopper	PM <sub>10</sub>	0.01	0.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		PM <sub>2.5</sub>	0.01	0.02
627	Line 3 Blend Silos	VOC	(6)	(6)
		PM <sub>10</sub>	0.44	0.23
		PM <sub>2.5</sub>	0.44	0.23
628	Line 3 Blend Silos	VOC	(6)	(6)
		PM <sub>10</sub>	0.44	0.23
		PM <sub>2.5</sub>	0.44	0.23
631	Lines 1, 2, and 3 Rerun Filter Receiver	PM <sub>10</sub>	0.16	0.71
		PM <sub>2.5</sub>	0.16	0.71
632	MB and Rerun Cyclone Dust Collector	PM <sub>10</sub>	0.23	1.02
		PM <sub>2.5</sub>	0.23	1.02
701	Flare	VOC	392.49	52.34
		CO	477.61	155.00
		NO <sub>x</sub>	114.44	26.40
		SO <sub>2</sub>	0.11	0.37
702	Boiler B-701	VOC	0.71	
		CO	3.13	
		NO <sub>x</sub>	3.73	
		SO <sub>2</sub>	0.02	
		PM <sub>10</sub>	0.28	
		PM <sub>2.5</sub>	0.28	
703	Boiler B-701A	VOC	0.71	
		CO	3.13	
		NO <sub>x</sub>	3.73	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		SO <sub>2</sub>	0.02	
		PM <sub>10</sub>	0.28	
		PM <sub>2.5</sub>	0.28	
704	Boiler B-701B	VOC	0.71	
		CO	3.13	
		NO <sub>x</sub>	3.73	
		SO <sub>2</sub>	0.02	
		PM <sub>10</sub>	0.28	
		PM <sub>2.5</sub>	0.28	
702, 703, and 704	Boilers B-701, B-701A, and B-701B (11)	VOC		4.31
		CO		30.84
		NO <sub>x</sub>		36.71
		SO <sub>2</sub>		0.22
		PM <sub>10</sub>		2.79
		PM <sub>2.5</sub>		2.79
714	Wastewater Area Fugitives (5)	VOC	0.01	0.01
985, 986, 987, and 990	Degreasers (12)	VOC	0.84	0.80
HPFUGEM	High Pressure Unit Fugitives (5)	VOC	15.85	69.41
MSS	See Attachment C	VOC	279.34	4.97
		CO	0.83	0.01
		NO <sub>x</sub>	0.98	0.01
		SO <sub>2</sub>	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		PM <sub>10</sub>	0.19	0.50
		PM <sub>2.5</sub>	0.19	0.50



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- (1) Emission point identification - either specific equipment designation or emission point number (EPN) from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (6) Total residual VOC emissions from 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.
- (7) Total spin dryer particulate emissions from EPNs 104, 204, and 307 are listed under EPN 307.
- (8) Total emissions for EPNs 602A and 603A.
- (9) Total emissions for EPNs 616A, 617A, and 625A.
- (10) Total emissions for EPNs 626A and 626C.
- (11) Total emissions for EPNs 702, 703, and 704.
- (12) Total emissions for EPNs 985, 986, 987, and 990.

Dated April 20, 2016