

## 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 <sub>10</sub>	(5) (6)	(5) (6)
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

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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 PM <sub>10</sub>	(5) (6)	(5) (6)
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 PM <sub>10</sub>	(5) 0.34	(5) 1.03

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502	MSR Heater B-502	VOC CO NO <sub>x</sub> SO <sub>2</sub> PM <sub>10</sub>	0.01 0.02 0.02 0.01 0.01	0.01 0.09 0.11 0.01 0.01
601	Dust Collector	PM <sub>10</sub>	0.14	0.60
602A, 603A	Hopper Vents	PM <sub>10</sub>	0.29	0.64
602B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
603B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
604	Line 1 Blend Silo Dust Collector	VOC PM <sub>10</sub>	(5) 1.08	(5) 4.75
605	Line 2 Blend Silo Dust Collector	VOC PM <sub>10</sub>	(5) 1.08	(5) 4.75
606	Cyclone	VOC PM <sub>10</sub>	(5) 0.17	(5) 0.75
607	Cyclone	VOC PM <sub>10</sub>	(5) 0.17	(5) 0.75
608	Cyclone	VOC PM <sub>10</sub>	(5) 0.51	(5) 2.25
609	Cyclone	VOC PM <sub>10</sub>	(5) 0.51	(5) 2.25

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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 PM <sub>10</sub>	(5) 0.03	(5) 0.12
615B	Sample Receiver	VOC PM <sub>10</sub>	(5) 0.03	(5) 0.12
615C	Sample Receiver	VOC PM <sub>10</sub>	(5) 0.03	(5) 0.12
616A, 617A, 625A	Hopper Vent	PM <sub>10</sub>	1.00	3.50

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616B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
617B	Hopper Vent	PM <sub>10</sub>	0.08	0.34
618	Transfer Cyclone	VOC PM <sub>10</sub>	97.91 2.73	271.36 11.98
619	Sample Cyclone Vent	VOC PM <sub>10</sub>	(5) 0.04	(5) 0.18
620	Flotriator Cyclone	VOC PM <sub>10</sub>	(5) 0.88	(5) 3.87
621	Scalperator Cyclone	VOC PM <sub>10</sub>	(5) 0.77	(5) 3.38
625B	Line 3 Rerun Vacuum Hopper	PM <sub>10</sub>	0.01	0.02
626A and 626C	Line 3 Masterbatch Hopper	PM <sub>10</sub>	0.47	1.03
626B	Line 3 Masterbatch Hopper	PM <sub>10</sub>	0.01	0.02
627	Line 3 Blend Silos	VOC PM <sub>10</sub>	(5) 0.44	(5) 0.23
628	Line 3 Blend Silos	VOC PM <sub>10</sub>	(5) 0.44	(5) 0.23
631	Lines 1, 2, and 3 Rerun Filter Receiver	PM <sub>10</sub>	0.16	0.71

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632	MB and Rerun Cyclone Dust Collector	PM <sub>10</sub>	0.23	1.02
701	Flare	VOC CO NO <sub>x</sub> SO <sub>2</sub>	109.09 126.55 31.75 0.06	16.25 28.21 7.03 0.25
702	Boiler B-701	VOC CO NO <sub>x</sub> SO <sub>2</sub> PM <sub>10</sub>	0.71 3.13 3.73 0.02 0.28	
703	Boiler B-701A	VOC CO NO <sub>x</sub> SO <sub>2</sub> PM <sub>10</sub>	0.71 3.13 3.73 0.02 0.28	
704	Boiler B-701B	VOC CO NO <sub>x</sub> SO <sub>2</sub> PM <sub>10</sub>	0.71 3.13 3.73 0.02 0.28	
702, 703, and 704	Boilers B-701, B-701A, and B-701B (10)	VOC CO NO <sub>x</sub> SO <sub>2</sub> PM <sub>10</sub>		4.31 30.84 36.71 0.22 2.79
714	Wastewater Area Fugitives (4)	VOC	0.01	0.01
985, 986, 987, and 990	Degreasers (11)	VOC	0.84	0.80

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HPFUGEM	High Pressure Unit Fugitives (4)	VOC	15.85	69.38
MSS	See Attachment C	VOC	279.28	4.97
		CO	0.83	0.01
		NO <sub>x</sub>	0.98	0.01
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</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
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) 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.
- (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 23, 2011