

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 2375A

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, sources, and related activities. 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 * (8)	
			lbs/hour	TPY **
10	Dryer Baghouse Stack	PM	12.60	6.55
		PM <sub>10</sub> (4)	8.10	4.21
		VOC	2.46	1.28
		NO <sub>x</sub>	36.00	18.72
		SO <sub>2</sub>	26.40	13.73
		CO	120.00	62.40
14	Hot Oil Heater Vent	PM	0.01	0.03
		VOC	0.02	0.05
		NO <sub>x</sub>	0.20	0.43
		SO <sub>2</sub>	0.03	0.06
		CO	0.02	0.04
15	Silo Filling (5)	PM	0.18	0.09
		VOC	3.66	1.90
		CO	0.35	0.18
16	Truck Loadout (5)	PM	0.16	0.08
		VOC	1.17	0.61
		CO	0.40	0.21
22	RAP Crusher (5)	PM	0.09	0.05
		PM <sub>10</sub>	0.04	0.02
21	RAP Screen (5)	PM	0.16	0.08
		PM <sub>10</sub>	0.05	0.03
9	Aggregate Screen (5)	PM	0.63	0.33
		PM <sub>10</sub>	0.21	0.11
MHFUG	Material Handling (5) (6)	PM	0.23	0.12
		PM <sub>10</sub>	0.08	0.05
SPFUG	Stockpiles (5)	PM	--	2.89
		PM <sub>10</sub>	--	1.45

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12A-C, 13A-B, 23	Tanks (7)	VOC	0.04	0.19
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- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Total PM<sub>10</sub> ([back half is condensable PM<sub>10</sub> and front half is filterable PM<sub>10</sub>], determined using EPA Test Method 5; filterable PM<sub>10</sub> limited to 4.63 lb/hr)
- (5) Fugitive emissions are an estimate only.
- (6) Includes EPNs 1-6, 18-20 and initial drops off screens EPNs 9 and 21
- (7) Includes two 10,000 gallon Liquid AC Tanks (EPN 12A-B), 25,000 gallon Liquid AC Tank (EPN 12C), 20,000 gallon Fuel Oil Tank (EPN 13A), 8,000 gallon Diesel Fuel Tank (EPN 13B) and 8,000 gallon Antistrip Tank (EPN 23)
- (8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates.

24 Hrs/day 7 Days/week 52 Weeks/year limited to 8,760 Hrs/year

Standard Hot Mix: 300 Tons/hour 312,000 Tons/year

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

Date: September 16, 2013