

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 2269C

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	
			lbs/hour	TPY (4)
EV-101-1-16	Production Tanks Trains 1-2	VOC	0.40	0.29
		PM	0.06	0.29
		PM <sub>10</sub>	0.03	0.15
		PM <sub>2.5</sub>	< 0.01	< 0.01
EV-103-1-8	Carlot Silos	VOC	0.50	0.29
		PM	0.07	0.08
		PM <sub>10</sub>	0.04	0.04
		PM <sub>2.5</sub>	< 0.01	< 0.01
EV-112	Cooling Water Additive Tanks	VOC	0.01	0.01
EV-105-2	Powder Loading	VOC	0.14	0.01
		PM	0.15	0.01
		PM <sub>10</sub>	0.08	0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
EV-106	Hopper Car Loading	VOC	0.23	0.20
		PM	0.11	0.11
		PM <sub>10</sub>	0.06	0.05
		PM <sub>2.5</sub>	< 0.01	< 0.01
F1	Fugitives (5)	VOC	1.72	7.55
ET-1A	Cooling Tower	VOC (5)	0.34	1.47
		PM	0.12	0.53
		PM <sub>10</sub>	0.09	0.41
		PM <sub>2.5</sub>	< 0.01	< 0.01
ES-103	Regeneration Gas Heater (6)	VOC	0.01	0.01
		PM	0.01	0.01

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		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
		NO <sub>x</sub>	0.09	0.09
		SO <sub>2</sub>	0.01	0.01
		CO	0.02	0.01
EV-110A	Extruder Breathers Trains 1-2	VOC	0.83	3.46
EV-416A	Train 1 Additive Chute Vent	PM	0.02	0.01
		PM <sub>10</sub>	0.02	0.01
		PM <sub>2.5</sub>	0.02	0.01
EV-416B	Train 2 Additive Chute Vent	PM	0.02	0.01
		PM <sub>10</sub>	0.02	0.01
		PM <sub>2.5</sub>	0.02	0.01
EV-109A	Pellet Dryer Train 1	VOC	0.03	0.13
EV-109B	Pellet Dryer Train 2	VOC	0.03	0.13
EV-108G	Gasoline Tank	VOC	14.25	0.19
EV-108D	Diesel Tank	VOC	0.06	0.01
EV-108S	Slop Oil Tank	VOC	0.02	0.01
POND-001	Waste Water Ponds	VOC	0.34	1.49
MSS-MON1	MON1 MSS Fugitives (5)	VOC	6.26	0.04
RD-1A	TR. 1 Fluff Surge TK	VOC	24.53	0.09
RD-1B	TR. 1 Dust Collector	VOC	18.03	0.14
RD-2A	TR. 2 Purge Conveyor	VOC	39.01	0.34
RD-2B	TR. 2 Weigh Hopper	VOC	3.62	0.04

- (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  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
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  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

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CO - carbon monoxide

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Operations are limited to 2,000 hours per year.

Date: February 10, 2017