

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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
EV-101-1-16	Production Tanks Trains 1-2	VOC	0.40	0.30
		TSP	0.03	0.26
		PM ₁₀	0.03	0.26
EV-102-1-16	Production Tanks Trains 3-4	VOC	0.40	0.30
		TSP	0.03	0.26
		PM ₁₀	0.03	0.26
EV-103-1-8	Carlot Silos	VOC	0.50	0.58
		TSP	0.04	0.09
		PM ₁₀	0.04	0.09
ES-103	Regeneration Gas Heater (4) <0.01	VOC		<0.01
		TSP	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		NO _x	0.09	0.01
		SO ₂	<0.01	<0.01
		CO	0.02	<0.01
EF-110	Pellet Cooling Tower (5)	VOC	0.34	1.47
EV-112	Cooling Water Additive Tanks	VOC	<0.01	<0.01
EV-105-2	Powder Loading	VOC	0.14	0.01
		PM	0.08	<0.01
		PM ₁₀	0.08	<0.01
EV-106	Hopper Car Loading	VOC	0.23	0.20

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
F1	Fugitives (6)	PM	0.05	0.05
		PM ₁₀	0.05	0.05
		VOC	2.89	12.67
ET-1A	Cooling Tower (5)	VOC	0.42	1.86
ES-101	West Boiler (standby)	VOC	0.11	0.49
		TSP	<0.01	<0.01
		PM ₁₀	0.55	2.40
		NO _x	6.96	30.48
		SO ₂	<0.01	0.03
		CO	3.70	16.19
ES-102	East Boiler	VOC	0.11	0.49
		TSP	<0.01	<0.01
		PM ₁₀	0.55	2.40
		NO _x	6.96	30.48
		SO ₂	<0.01	0.03
		CO	3.70	16.19
EV-110A	Extruder Breathers Trains 1-2	VOC	0.83	3.64
EV-110B	Extruder Breathers Trains 3-4	VOC	0.83	3.64
EV-416	Train 1 and 2 Additive Chute Vent	PM ₁₀	0.037	0.004
EV-417	Train 3 and 4 Additive Chute Vent	PM ₁₀	0.037	0.004
EV-109A	Pellet Dryer Train 1	VOC	0.03	0.13

EV-109B	Pellet Dryer Train 2	VOC	0.03	0.13
EV-109C	Pellet Dryer Train 3	VOC	0.03	0.13
EV-109D	Pellet Dryer Train 4	VOC	0.03	0.13
EF-112A	Fines Separator Wash Trains 1-2	VOC	1.73	7.56
EF-112B	Fines Separator Wash Trains 3-4	VOC	1.73	7.56
EV-151A	Powder Weighbin Train 1	VOC	0.20	0.83
		TSP	0.08	0.03
		PM ₁₀	0.08	0.03
EV-151B	Powder Weighbin Train 2	VOC	0.20	0.83
		TSP	0.08	0.03
		PM ₁₀	0.08	0.03
EV-161A	Powder Weighbin Train 3	VOC	0.20	0.83
		TSP	0.08	0.03
		PM ₁₀	0.08	0.03
EV-161B	Powder Weighbin Train 4	VOC	0.20	0.83
		TSP	0.08	0.03
		PM ₁₀	0.08	0.03
EV-108	Gasoline, Diesel, Slop Oil Tanks	VOC	59.29	0.19
POND-001	Wastewater Ponds	VOC	0.46	2.02

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			lb/hr	TPY

- (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
TSP - total suspended particulate
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Emission rate based on 216 hours of operation per year.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special conditions and permit applicable representations.
- (6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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

Dated November 23, 2005