

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	
TPY				
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 (4)	Regeneration Gas Heater	VOC	<0.01	<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	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
		PM	0.05	0.05
		PM ₁₀	0.05	0.05
F1	Fugitives (5)	VOC	2.89	12.67

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TPY				
ET-1A	Cooling Tower	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-111A	Additive Chute Train 1	PM ₁₀	0.02	<0.01
EV-111B	Additive Chute Train 2	PM ₁₀	0.02	<0.01
EV-111C	Additive Chute Train 3	PM ₁₀	0.02	<0.01
EV-111D	Additive Chute Train 4	PM ₁₀	0.02	<0.01
EV-109A	Pellet Dryer Train 1	VOC	0.03	0.13

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<u>TPY</u>			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
TPY			lb/hr	
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	Waste Water Ponds	VOC	0.46	2.02

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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)
 - PM - particulate matter
 - PM₁₀ - particulate matter less than 10 microns in diameter
 - VOC - volatile organic compounds as defined in General Rule 101.1
 - NO_x - total oxides of nitrogen
 - TSP - total suspended particulate
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
- (4) Emission rate based on 216 hours of operation per year.
- (5) 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

EMISSIONS FROM SOURCE FOR MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr
<u>TPY</u>			

_____Dated _____