

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3908B

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>
EF-206	Cooling Tower	VOC	0.60	2.59
ES-201	Package Boiler	VOC	0.17	0.76
		NO _x	6.22	27.23
		SO ₂	0.01	0.05
		PM ₁₀	0.84	3.70
		CO	4.34	19.01
ES-202	Standby Incinerator	VOC	0.36	1.63
		NO _x	5.96	26.09
		PM ₁₀	2.02	8.85
		CO	1.93	8.43
		SO ₂	<0.01	<0.01
		HCl	<0.01	<0.01
ES-203	Waste Heat Boiler	VOC	0.36	1.63
		NO _x	5.96	26.09
		PM ₁₀	2.02	8.85
		CO	1.93	8.43
		SO ₂	<0.01	<0.01
		HCl	<0.01	<0.01
ES-204	Regenerative Gas Heater	VOC	<0.01	<0.01
		NO _x	0.30	0.02
		SO ₂	<0.01	<0.01
		PM	0.03	<0.01
		CO	0.07	<0.01
ES-205	Monument No. 2 Flare	VOC	0.60	0.16

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EV-201A	Carlot Silo Blender Bag Filter	NO _x	0.08	0.10
		SO ₂	<0.01	<0.01
		CO	0.41	0.51
		VOC	1.08	0.38
		PM ₁₀	0.27	0.47
EV-201B	Carlot Silo Blender Bag Filter	VOC	1.08	0.38
		PM ₁₀	0.27	0.47
EV-201C	Carlot Silo Blender Bag Filter	VOC	1.08	0.38
		PM ₁₀	0.27	0.47
EV-201D	Carlot Silo Blender Bag Filter	VOC	1.08	0.38
		PM ₁₀	0.27	0.47
EV-202A	Pellet Line Lot Blender	VOC	0.72	0.43
		PM ₁₀	0.03	0.06
EV-202B	Pellet Line Lot Blender	VOC	0.72	0.43
		PM ₁₀	0.03	0.06
EV-202C	Pellet Line Lot Blender	VOC	0.72	0.43
		PM ₁₀	0.03	0.06
EV-202D	Pellet Line Lot Blender	VOC	0.72	0.43
		PM ₁₀	0.03	0.06
EV-202E	Pellet Offspec Bin	VOC	0.72	0.18
		PM ₁₀	0.03	0.01
EV-204	Bagging Bin Vent Filter	VOC	1.08	0.38
		PM ₁₀	0.27	0.47
EV-207	Alkyl Seal Pot	VOC	0.36	1.06
EV-208	Additive Feed Hopper Vent Filter	PM ₁₀	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EV-209A	Pellet Dryer Exhaust	VOC	0.72	0.96
ES-209B	Pellet Dryer Exhaust	VOC	0.72	0.96
EV-211	Cooling Water Additive Tanks	VOC	<0.01	<0.01
EV-212	Boiler Water Additive Tanks	VOC	0.23	<0.01
EV-251	Powder Master Batch Weight Bin Vent Filter	PM PM ₁₀	0.16 0.03	0.03 <0.01
EV-261	Powder Masterbatch Weight Bin Vent Filter	PM PM ₁₀	0.16 0.03	0.03 <0.01
EV-252	Pellet Refeed Bin Vent	VOC PM ₁₀	0.72 0.03	<0.01 <0.01
EV-262	Pellet Refeed Bin Vent	VOC PM ₁₀	0.72 0.03	<0.01 <0.01
EV-253	Inline Blender Vent Filter	VOC PM PM ₁₀	1.06 0.02 0.02	4.64 0.08 0.07
EV-263	Inline Blender Vent Filter	VOC PM PM ₁₀	1.06 0.02 0.02	4.64 0.08 0.07
F2	Fugitives (4)	VOC	2.44	10.70
EV-254	Vacuum Cleaning System	PM PM ₁₀	0.16 0.08	0.07 0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

ES-805	Train No. 8 Flare (5)	VOC	0.53	<0.01
		NO _x	0.03	<0.01
		CO	0.19	<0.01
		SO ₂	<0.01	<0.01
ES-802	Alkyl Flare (5)	VOC	0.41	0.02
		NO _x	0.05	<0.01
		CO	0.11	<0.01
		SO ₂	<0.01	<0.01

(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 General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter

PM₁₀ - particulate matter less than 10 microns in diameter

CO - carbon monoxide

HCl - hydrogen chloride

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Emission contributions due to Train Nos. 5 and 6 (under Permit No. 3908B) only. This (EPN permitted under Permit No. 21538).

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

* 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_____