

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19546

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>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
79	Fugitives (4)	VOC	2.80	12.26
80A	Catalyst Vent	VOC	0.01	0.02
80B	Catalyst Vent	VOC	0.01	0.02
81	Flare	VOC	8.3	29.33
		NO _x	2.30	7.93
		CO	11.5	40.39
		SO ₂	<0.01	<0.01
82	F-8503 Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.09	0.38
83A	F-8820A Silo Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.07	0.32
83B	F-8820B Silo Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.07	0.32
84A	F-8811 Silo Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.04	0.19
84B	F-8812 Silo Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.04	0.19
85	F-8813 Silo Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.04	0.19
86	F-8550 Silo Bag Filter	VOC	(5)	(5)

PM₁₀

0.05

0.22

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TPY				
87	F-8555 Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.21	0.94
88	Extruder Vent	VOC	<0.01	<0.01
89A	D-8805 Silo Vent	VOC	(5)	(5)
		PM ₁₀	<0.01	<0.01
89B	D-8806 Silo Vent	VOC	(5)	(5)
		PM ₁₀	<0.01	<0.01
89C	D-8807 Silo Vent	VOC	(5)	(5)
		PM ₁₀	<0.01	<0.01
91	F-8501 Bag Filter	VOC	(5)	(5)
		PM ₁₀	0.12	0.50
92	F-8502 Silo Bag Filter	VOC	(5)	(5)
		PM ₁₀	<0.01	<0.01
93	F-8556 Extrusion Bag Filter	VOC	(5)	(5)
	(5)	PM ₁₀	0.02	0.11
94	TK-8401 Steamer Scrubber	VOC		0.04
	0.17			
97	Railcar Loading	VOC	(5)	(5)
136	D-8106 Additive Surge Drum	VOC		0.07
	<0.01			
137A	D-8106A Donor Storage Drum	VOC		0.13
	<0.01			

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137B	D-8106B Donor Storage Drum <0.01	VOC	0.16
138	D-8693 TEAL Seal Pot	VOC	0.03
139	D-8108 Mineral Oil Drum	VOC	0.20

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
140	D-8111 Hydraulic Oil Surge Drum	VOC	0.21	<0.01
141	D-8707 Waste Oil Loading <0.01	VOC	0.38	
142	Dryer Scrubber	VOC	0.67	2.05

- (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
 PM₁₀ - particulate matter
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Total maximum VOC emissions from these points shall not exceed 2 lb/hr or 2 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

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Dated _____