

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9423

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
34	H-3706 Elevated Flare (5)	VOC	25.29	23.62
		NO _x	3.39	3.16
		CO	17.26	16.12
		SO ₂	<0.01	<0.01
42	H-3702 Ground Flare (5)	VOC	25.29	23.62
		NO _x	3.39	3.16
		CO	17.26	16.12
		SO ₂	<0.01	<0.01
39	D-3106 Catalyst Handling Drum	VOC	3.89	0.02
40	D-3504 Stabilizer Addition Drum	PM	4.07	0.03
15 (6)	M-522 Pellet Silo Cyclone	VOC	0.92	0.36
		PM ₁₀	0.01	0.05

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			lb/hr	TPY
15B (6)	M2542A/B Recycle Pellet Cyclones	VOC PM ₁₀	1.84 0.02	0.72 0.10
43 (6)	M-2522 Pellet Silo Cyclone	VOC PM ₁₀	0.92 0.01	0.36 0.05
118 (6)	M-571 Pellet Bulk Loading Cyclone	VOC PM ₁₀	0.92 0.03	0.36 0.10
55A (6)	M-500A Flake Bag Filter	VOC PM ₁₀	0.92 0.02	0.36 0.08
55B (6)	M-500B Flake Bag Filter	VOC PM ₁₀	0.92 0.02	0.36 0.08
120 (6)	M-574 Bag Filter	VOC PM ₁₀	0.92 0.02	0.36 0.08
122 (6)	M-2574 Bag Filter	VOC PM ₁₀	0.92 0.02	0.36 0.08
123 (6)	M-2572 Bag Filter	VOC PM ₁₀	0.92 0.02	0.36 0.08
14 (6)	D-512A/B Extruder Vents	VOC	0.38	1.68
14B (6)	D-2512A/B Extruder Vents	VOC	0.38	1.68
98 (new)	D-885 Waste Oil Loading Drum	VOC	1.62	0.02
99 (new)	Process Cooling Tower	VOC	0.96	4.28
109 (new)	D-3103 TEAL Seal Pot Drum	VOC	0.04	<0.01
110 (new)	D-3105 Oil and Grease	VOC	0.21	<0.01

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			lb/hr	TPY
	Mixing Drum			
111 (new)	D-3107 Hydraulic Oil Drum	VOC	0.04	<0.01
112 (new)	D-3110A Donor Storage Drum	VOC	1.99	<0.01
113 (new)	D-3110B Donor Storage Drum	VOC	0.39	<0.01
114 (new)	TK-3111 Donor Storage Tank	VOC	0.60	<0.01
115 (new)	T-3501 Scrubber Waste Water	VOC	0.07	0.31
116 (new)	Railcar Loading (Flake)	VOC	0.17	0.64
119 (new)	Railcar Loading (Pellets)	VOC		0.17
35	Fugitives (4)	VOC	4.56	20.89
		NH ₃	0.66	2.89

(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
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

CO - carbon monoxide

SO₂ - sulfur dioxide

NH₃ - anhydrous ammonia

PM₁₀ - particulate matter of 10 microns or less

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

(5) Annual emissions will result from Emission Point Nos. 34 or 42 or a combination of both, but will not exceed the amount shown.

(6) Previously covered by Standard Exemptions 10 and/or 27.

(new) Newly authorized with permit action approved on date listed below.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day_____Days/week_____Weeks/year_____ or Hrs/year 8,760

Dated_____