

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5572B

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
19	A Line Pellet Silo	VOC	1.72	7.26
20	B Line Pellet Silo	VOC	2.41	8.12
23	Storage Hopper	PM ₁₀	0.055	0.24
30	Boiler A	VOC	0.22	0.96
		PM ₁₀	0.65	2.86
		NO _x	6.67	29.2
		SO ₂	0.029	0.13
		CO	1.67	7.30
31	Boiler B	VOC	0.22	0.96
		PM ₁₀	0.65	2.86
		NO _x	6.67	29.2
		SO ₂	0.029	0.13
		CO	1.67	7.30
33	Cooling Tower	VOC	0.46	2.0

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
43	RH Loading	VOC	13.63	0.19
44	Flare	VOC	14.90	49.08
		NO _x	1.18	3.54
		SO ₂	0.12	0.53
		CO	8.39	25.53
46A	Tank D-104	VOC	9.90	0.57
46B	Tank D-105	VOC	9.90	0.57
49	Fugitives (4)	VOC	5.04	22.11
56/57	Alumina Bed Filters	VOC	0.26	0.074
110	Line No. 3 Pellet Silo	PM ₁₀	0.017	0.19
		VOC	3.08	7.27
111	Pellet Blending Silos	PM ₁₀	1.75	3.82
112	Eultriator Bag Filter	PM ₁₀	1.08	2.19
114	Extrusion Vents	PM ₁₀	0.062	0.27
120	Boiler C	VOC	0.16	0.49
		PM ₁₀	1.43	4.38
		NO _x	7.20	22.07
		SO ₂	0.07	0.21
		CO	6.97	21.37
130	New Cooling Tower	VOC	1.01	4.42
140	Emergency Flare (5)	VOC	3.82	1.54
		NO _x	0.11	0.51
		SO ₂	0.0007	0.003
		CO	0.63	2.85

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			<u>lb/hr</u>	<u>TPY</u>
150	Line No. 3 Fugitives (4)	VOC	1.48	6.47
170	Wastewater Fugitives (4)	VOC	0.08	0.33

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- (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 30 Texas Administrative Code Section 101.1
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) Flare is for emergency use only. Emissions represent pilot emissions only.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____