

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4614B

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
H3HH3950	Catalytic Incinerator	VOC	40.80	32.85
		NO _x	0.46	2.00
		CO	0.12	0.53
H3HV3550	Cyclohexane Tank	VOC	0.41	0.33
H3HF3168	Catalyst Activator Vent 0.48	VOC		2.62
		PM	0.12	0.43
H3HF3710	Extruder Feed Chute Bagfilter	PM	0.05	0.18
H3HF3651	Powder Surge Hopper Bagfilter	PM	2.72	9.60
H3BLNDSLO	Pellet Silos	PM	1.26	2.50
H3HF3636	Powder Silos	PM	0.34	1.20
H3FLARE	Flare	VOC	11.53	40.74
		NO _x	0.87	3.08
		CO	4.41	15.68
		SO ₂	0.02	0.08
H3FUG	Fugitives (4)	VOC	5.62	24.60

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
H3HD3760	Spin Dryer Exhaust Vent 0.84		PM	0.24
H3HV3340	Recycle Water Tank	VOC	4.10	14.47
H3HV3345	Reslurry Tank	VOC	0.16	0.58
H3BULKLD	Pellet Loading	PM	0.14	0.29
H3HV3180	Catalyst Activator Heater 0.12	VOC		0.03
		NO _x	0.50	2.19
		CO	0.11	0.46
		SO ₂	<0.01	0.01
		PM	0.06	0.26
H3CT	Cooling Tower (4)	VOC	0.67	2.94
H3GS3863	System 6	PM	0.14	0.29
H3HF3843	System 5	PM	0.07	0.14
H3HF3833	System 4	PM	0.07	0.14
H3ANAL	Analyzer Vents	VOC	0.02	0.09
H3SILOS	Pellet Silos	VOC	1.70	6.00

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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 General Rule 101.1
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - SO₂ - sulfur dioxide
- (4) 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:

8,760 Hrs/year

Dated _____