

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9518

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>
E-1	Kiln Stack	PM ₁₀	1.5	0.7
		PM	5.7	2.7
		VOC	7.1	4.3
		CO	0.3	0.3
		SO ₂	73.6	23.06
		NO _x	11.9	3.6
		Ni (PM)	0.05	0.033
F-1	Catalyst Decanting	VOC	0.2	0.03
F-2	Loading	VOC	0.8	0.02
F-3	Catalyst Feed	VOC	0.7	0.7
F-4	Feed End of Kiln	PM	0.01	0.01
F-5	Thermal Oxidizer Cleanup	PM	0.01	0.01
F-6	Cooling Tower Cleanup	PM	0.01	0.01
F-7	Baghouse Dust Discharge	PM	0.4	0.04
F-8	Kiln Discharge End	PM	0.04	0.06
F-10	Screening Hopper	PM	<0.001	<0.001
F-11	Screening Baghouse	PM	<0.01	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
F-12	Shear Hopper No. 1	PM	0.008	0.02
F-13	Shear Baghouse No. 1	PM	0.003	0.08
F-14	Shear Hopper No. 2	PM	0.008	0.02
F-15	Shear Baghouse No. 2	PM	0.003	0.08
F-17	Incinerator Loading and Ash Clean out	PM	0.01	0.01
		VOC	0.1	0.1
F-18	Drum Cleaning and Crushing 0.01		PM	0.01
F-19	Fire Hood Material Recovery 0.02		PM	0.2
F-20	Baghouse, P20	PM	0.13	0.04

(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) PM₁₀ - particulate matter less than 10 microns

PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

CO - carbon monoxide

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

Ni - nickel

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

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

* 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 _____