

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2274

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
2	ESP Exhaust Stack	NO _x	450.0	1971.0
		CO	80.0	350.0
		SO ₂	1200.0	5256.0
		VOC	15.0	65.7
		PM	162.7	712.8
		HCl	1.9	8.5
4	Feed Bin Baghouse	PM	0.10	0.44
		PM ₁₀	0.10	0.44
31	Mill Baghouses CIN 40	PM	0.62	2.72
		PM ₁₀	0.62	2.72
	CIN 43	PM	0.62	2.72
		PM ₁₀	0.62	2.72
	Storage Bin Baghouse	PM	0.26	1.13
		PM ₁₀	0.26	1.13
F-TR-1	Paved Road Losses	PM	0.43	0.47
		PM ₁₀	0.14	0.16
F-L-1	Unpaved Road Losses	PM	0.17	0.21
		PM ₁₀	0.08	0.10
F-P-2	Wind Pile Erosion Coal Pile	PM	0.03	0.05
		PM ₁₀	0.02	0.05
	Coke Pile	PM	0.03	0.05
		PM ₁₀	0.02	0.05

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			lb/hr	TPY

MATERIAL HANDLING LOSSES

F-TR-2	Truck To Ground	PM	0.04	0.09
		PM ₁₀	0.02	0.05
F-P-1	Loader To Pile	PM	0.04	0.09
		PM ₁₀	0.02	0.05
F-L-2	Loader To Hopper	PM	0.01	0.01
		PM ₁₀	0.01	0.01
F-H-2	Hopper To Belt	PM	0.04	0.09
		PM ₁₀	0.02	0.05
F-B-1	Belt To Feed Tank	PM	0.04	0.09
		PM ₁₀	0.02	0.05
F-B-2	Feed Tank To Belt	PM	0.04	0.09
		PM ₁₀	0.02	0.05
F-B-3	Belt To Mill	PM	0.01	0.01
		PM ₁₀	0.01	0.01

(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

PM₁₀ - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HCl - hydrogen chloride

(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:

_____ Hrs/day _____ Days/week _____ Weeks/year or _____

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			lb/hr TPY

8,760 Hrs/year

Dated _____