

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19518

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
FUG1 (4)	Facility Roads			PM	0.78	0.11
				PM10	0.34	0.05
F101 (4)	Coal Unloading Building			PM	0.02	0.01
	Fugitives			PM10	0.01	0.004
1S102	Coal Prep. Bldg. Stack			PM10	0.21	0.71
1S201	EAF Dust Unloading			PM10	0.94	3.14
	Stack					
F301 (4)	Silo Storage Area			PM10	0.18	0.6
	Fugitives					
1S302	Coal Storage Silo			PM10	0.09	0.29
	Stack, 1T305					
1S303	Coal Storage Silo			PM10	0.09	0.29
	Stack, 1T306					
1S401	Pellet Drier Stack			PM10	0.94	3.14
				SO2	0.003	0.008
				NOx	0.42	1.40
				CO	0.09	0.29
				VOC	0.02	0.05
1S402	Pelletizer Stack			PM10	0.94	3.14
1S501	Kiln Stack			PM10	4.99	16.63
				SO2	25.57	111.96
				NOx	3.90	13.01
				CO	0.93	3.11
				VOC	0.12	0.40

- (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

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PM10 - particulate matter less than 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

NOx - 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.

- * 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

Maximum annual throughput of EAF dust is limited to 20,000 tons per year.

Revised _____