

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 Name (2) | Air Contaminant Name (3) | Emission Rates | |
|--------------------------------|-----------------------------------|-----------------------------|------------------|------------------|
| | | | lb/hr | TPY |
| F101 (4) | Coal Unloading Building Fugitives | TSP PM ₁₀ | 0.113 0.053 | 0.016 0.008 |
| F102 (4) | Coal Railcar Unloading Fugitives | TSP PM ₁₀ | 0.733 0.367 | 0.023 0.012 |
| 1S102 0.214 | 0.939 | Coal Prep. Bldg. Stack | | PM ₁₀ |
| 1S201 0.943 | 4.130 Stack | EAF Dust Unloading | | PM ₁₀ |
| F301 (4) | Silo Storage Area Fugitives | PM ₁₀ | 0.185 | 0.811 |
| 1S302 0.086 | 0.375 Stack, 1T305 | Lime Storage | PM ₁₀ | |
| 1S303 0.086 | 0.375 Stack, 1T306 | Coal Storage Silo | PM ₁₀ | |
| 1S401 0.943 | 4.130 | Pellet Drier Stack | | PM ₁₀ |
| | | SO ₂ | 0.004 | 0.013 |
| | | NO _x | 0.588 | 2.205 |

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| | | | | |
|-------|-------|------------------|------------------|-------|
| | | CO | 0.123 | 0.463 |
| | | VOC | 0.023 | 0.084 |
| 1S402 | | Pelletizer Stack | PM ₁₀ | |
| | 0.943 | 4.130 | | |

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| Emission * Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates | |
|--------------------------------|---|-----------------------------|----------------|--------|
| | | | lb/hr | TPY |
| S501 | Kilns (5) and Salt Spray Drier Stack | PM ₁₀ | 6.524 | 28.573 |
| | | Zn | 1.428 | 5.357 |
| | | Cd | 0.010 | 0.037 |
| | | Pb | 0.189 | 0.710 |
| | | Fe | 0.054 | 0.202 |
| | | SO ₂ | 15.998 | 59.994 |
| | | NO _x | 5.154 | 19.328 |
| | | CO | 1.039 | 3.896 |
| | | VOC | 0.154 | 0.577 |

(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) TSP - particulate matter including PM₁₀

PM₁₀ - particulate matter less than 10 microns in diameter, including zinc, lead, cadmium, and iron

Zn - zinc

Cd - cadmium

Pb - lead

Fe - iron

VOC - volatile organic compounds as defined in General Rule 101.1

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) The maximum hourly and annual throughputs of pellet feed are limited to 5.6 tons per hour and 42,000 tons per year.

* 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

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Dated_____