

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 70A

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 a 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> | |
|----------------------|------------------------|------------------|-----------------------|------------|
| <u>Point No. (1)</u> | <u>Name (2)</u> | <u>Name (3)</u> | <u>lb/hr</u> | <u>TPY</u> |
| 17 | No. 7 Recovery Furnace | NO _x | 69.0 | 301.0 |
| | | CO | 344.0 | 1506.0 |
| | | TRS | 3.0 | 14.0 |
| | | SO ₂ | 250.0 | 1095.0 |
| | | PM ₁₀ | 65.0 | 285.0 |
| 18 | Smelt Dissolving Tank | TRS | 1.21 | 5.3 |
| | | SO ₂ | 4.58 | 20.1 |
| | | PM ₁₀ | 13.67 | 59.9 |

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM₁₀ - particulate matter less than 10 microns in diameter

CO - carbon monoxide

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates *</u> lb/hr |
|---------------------------|--------------------|-----------------------------|----------------------------------|
| TPY | | | |

TRS - total reduced sulfur compounds, including hydrogen sulfide

* 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

Dated _____