

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85661

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)	<u>Emission Rates *</u>	
			lb/hr	TPY **
SCRUB-1	Scrubber 1	H ₂ SO ₄	0.06	0.11
SCRUB-2	Scrubber 2	HCl	0.05	0.09
SCRUB-4	Scrubber 4	HCl	0.20	0.08
SA-FUG	Sulfuric Acid Fugitives (4)	H ₂ SO ₄	0.01	0.01
HCL-FUG	Hydrochloric Acid Fugitives (4)	HCl	0.01	0.01
IR-FUG1	Iron Ore Loading Fugitives (4)	PM ₁₀	0.04	0.03
IR-FUG2	Iron Ore Transfers to Stockpile Fugitives (4)	PM ₁₀	0.01	0.01
IR-FUG3 to IR-FUG6	Iron Ore Transfers inside Building Fugitives (4)	PM ₁₀	0.01	0.01
IR-FUG-SP	Iron Ore Stockpile Fugitives (4)	PM ₁₀	0.02	0.08
AT-1	Sulfuric Acid Tank 1	H ₂ SO ₄	0.001	0.001
AT-2	Sulfuric Acid Tank 2	H ₂ SO ₄	0.001	0.001

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
 - (2) Specific point source names. For fugitive sources use area name or fugitive source name.
 - (3) HCl - hydrochloric acid
H₂SO₄ - sulfuric acid
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns in emitted.
 - (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:
8,760 hrs/year.
- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 9, 2010