

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85567

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
SCRUB-1	Scrubber Exhaust	H ₂ SO ₄	0.07	0.07
		HCl	0.13	0.06
DEMIST-1	Demister 1 Exhaust	H ₂ SO ₄	0.02	0.02
DEMIST-2	Demister 2 Exhaust	H ₂ SO ₄	0.02	0.02
IR-FUG1	Ore Unloading Fugitives	PM ₁₀	0.05	0.06
		Iron Ore	0.05	0.06
IR-FUG2	Stockpile Transfer Fugitives	PM ₁₀	0.01	0.01
		Iron Ore	0.01	0.01
IR-FUG3	Ore Transfer Fugitives within Building 3	PM ₁₀	0.01	0.03
		Iron Ore	0.01	0.03
IR-FUG4	Ore Transfer Fugitives within Building 4	PM ₁₀	0.01	0.03
		Iron Ore	0.01	0.03
IR-FUG5	Ore Transfer Fugitives within Building 5	PM ₁₀	0.01	0.03
		Iron Ore	0.01	0.03
IR-FUG6A	Ore Transfer Fugitives within Building 6A	PM ₁₀	0.01	0.03
		Iron Ore	0.01	0.03
IR-FUG6B	Ore Transfer Fugitives within Building 6B	PM ₁₀	0.01	0.03
		Iron Ore	0.01	0.03

Emission Sources - Maximum Allowable Emission Rates

IR-FUG-SP	Ore Stockpile Fugitives	PM ₁₀	0.01	0.07
		Iron Ore	0.01	0.15
SA-FUG1	Sulfuric Acid Equipment Leak Fugitives	H ₂ SO ₄	0.03	0.14
SA-FUG2	Sulfuric Acid Equipment Leak Fugitives	H ₂ SO ₄	0.03	0.14
HCL-FUG	Hydrochloric Acid Equipment Leak Fugitives	HCl	0.12	0.53

- (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, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
HCl - hydrogen chloride
H₂SO₄ - sulfuric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 14, 2012