

Emission Sources - Maximum Allowable Emission Rates

Permit Number 52047

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 (6)	
			lb/hour	TPY (4)
ACIDH	Acid Stripping Operation	HCl	0.11	0.50
		H ₃ PO ₄	< 0.01	< 0.01
		HNO ₃	< 0.01	< 0.01
		H ₂ SO ₄	< 0.01	< 0.01
		NaOH	< 0.01	< 0.01
DOVE	Dovetail Stripping Process	NaOH	< 0.01	< 0.01
MSS_ACIDH	Acid Stripping Tank Cleanout	HCl	< 0.01	< 0.01
		H ₃ PO ₄	< 0.01	< 0.01
		HNO ₃	< 0.01	< 0.01
		H ₂ SO ₄	< 0.01	< 0.01
		NaOH	< 0.01	< 0.01
MSS_FUG	Scrubber Water Change-out (5)	NaOH	< 0.01	< 0.01

- (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) HCl - hydrochloric acid
H₃PO₄ - phosphoric acid
HNO₃ - nitric acid
H₂SO₄ - sulfuric acid
NaOH - sodium hydroxide
- (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.
- (6) Emission rates include planned maintenance, startup, and shutdown (MSS).

Date: July 19, 2013