

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5034A

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
NU-01	Flare	NO _x	0.45	1.96
		HCl	0.26	0.05
		THF	3.26	0.96
		PM ₁₀	0.09	0.03
		HF	2.46	0.22
		HBr	2.06	0.90
		VOC	2.18	0.48
NU-03	HCl Scrubber	HCl	<0.01	<0.01
NU-05F	Fugitives (4)	THF	2.48	10.87
		HCl	0.17	0.75
		VOC	5.22	22.86

(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) NO_x - total oxides of nitrogen

HCl - hydrogen chloride

THF - tetrahydrofuran

PM₁₀ - particulate matter less than 10 microns

HF - hydrogen fluoride

HBr - hydrogen bromide

VOC - volatile organic compounds as defined in General Rule 101.1, but does not include THF

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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_____