

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

1978

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		Air Contaminant		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
E-038	Caustic Storage Tank			NaOH	<0.01	<0.01
E-039	Reactor Vent Scrubber			Cl ₂	0.12	0.48
E-040	Flare			VOC	0.28	1.12
				NO _x	0.04	0.15
				CO	0.33	1.32
				SO ₂	<0.01	<0.01
				HCl	2.04	8.16
E-042	Tank Farm Scrubber			HH	<0.01	<0.01
E-154	Drumming Scrubber			HH	<0.01	<0.01
E-441	Truck Loading Scrubber			HH	<0.01	<0.01
E-723	WW CAS			VOC	0.07	0.28
FU	Fugitives (4)			NH ₃	0.23	0.92
				Cl ₂	<0.01	0.02
				VOC	0.09	0.34
				HH	0.08	0.32

- (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) NaOH - sodium hydroxide
Cl₂ - chlorine
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
HCl - hydrogen chloride
HH - hydrazine hydrate
NH₃ - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum

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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 8,000