

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6400

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)	Emission Rates *	
			lb/hr	TPY **
02-CC-1	Carbon Canisters	VOC	18.35	0.82
02-S-1	Caustic Scrubber	Cl ₂	2.61	0.06
		HCl	1.34	0.03
		SO ₂	2.35	0.06
02-F-5	Dust Collector	PM	1.08	2.35
02-F-6	Dust Collector	PM	1.08	2.35
02-F-7	Dust Collector	PM	1.08	2.35
02-FL-1	Thermal Oxidizer	NO _x	58.62	15.26
		CO	131.90	0.48
		VOC	5.87	2.09
		SO ₂	60.27	22.42
		PM	1.79	7.83
		HCl	51.47	2.60
02-FL-2	Flare	NO _x	47.86	10.10
		CO	39.57	4.04
		VOC	151.34	10.69
		SO ₂	60.27	22.42
		HCl	14.72	3.40
02-RCCR	Uncontrolled 8 Spot Railcar Cleaning Rack	VOC	367.02	16.45
02-FU-PURGE	Purge Rack Fugitives (4)	VOC	0.12	0.53
02-FU-RCCR	Railcar Cleaning Fugitives (4)	VOC	0.40	1.75

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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) CO - carbon monoxide
Cl₂ - chlorine
HCl - hydrogen chloride
NO_x - total oxides of nitrogen
PM - particulate matter
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are estimates 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 24 Days/week 7 Weeks/year 52 or 8,760 Hours per year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated November 26, 2002