

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

21882

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
1	Regenerator Exhaust	NOx	7.38	32.32
		CO	4.49	19.67
		SO2	2.34	10.25
		VOC	3.73	16.34
		PM10	0.23	1.01
2	Steam Boiler	NOx	13.32	58.34
		CO	16.65	72.93
		SO2	0.15	0.66
		VOC	0.61	2.65
		PM10	1.08	4.74
3	Flare	NOx	0.04	0.18
		CO	0.20	0.88
		SO2	0.08	0.35
		VOC	0.41	1.80
4	TK-101	VOC	0.78	3.33
5	TK-102	VOC	0.78	3.33
6	Isobutane Dehydrogenation Fugitives (4)	VOC	1.82	7.97
7	MTBE Fugitives (4)	VOC	2.93	12.83
8	Cooling Tower	VOC	1.18	5.17

- (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) PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

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- (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