

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 27773

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

<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
SMR-1	Reformer Furnace Stack	CO	16.72	73.24
		NH ₃	10.16	44.54
		NO _x	26.04	38.50
		PM	3.11	13.62
		SO ₂	2.09	9.13
		VOC	0.99	4.33
SMR-2	Flare	CO	3.52	15.40
		NO _x	1.27	5.56
		SO ₂	<0.01	0.03
		VOC	<0.01	0.04
SMR-3	Fugitives (4)	CO	1.08	4.75
		NH ₃	0.03	0.11
		VOC	0.12	0.53
SMR-4 Only	Emergency Vent		Emergency	Use

- (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) CO - carbon monoxide
 NH₃ - ammonia
 NO_x - total oxides of nitrogen
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 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 General Rule 101.1

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

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* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or _____
8,760 Hrs/year

Dated_____