

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18643

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		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
IR660-1	Field Compressor No. 1			NOx	2.91	12.7
				CO	4.36	19.1
				VOC	1.45	6.4
				SO2	0.09	0.4
IR660-2	Field Compressor No. 2			NOx	2.91	12.7
				CO	4.36	19.1
				VOC	1.45	6.4
				SO2	0.09	0.4
IR660-3	Field Compressor No. 3			NOx	2.91	12.7
				CO	4.63	19.1
				VOC	1.45	6.4
				SO2	0.09	0.4
IR660-4	Refrigeration Compressor No. 4			NOx	2.91	12.7
				CO	4.63	19.1
				VOC	1.45	6.4
				SO2	0.09	0.4
IR660-5	Refrigeration Compressor No. 5			NOx	2.91	12.7
				CO	4.63	19.1
				VOC	1.45	6.4
				SO2	0.09	0.4
IR660-6	Recompression Compressor No. 6			NOx	2.91	12.7
				CO	4.63	19.1
				VOC	1.45	6.4

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SO2	0.09	0.4
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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
		lb/hr	TPY	
IR660-7	Recompression Compressor No. 7	NOx	2.91	12.7
		CO	4.63	19.1
		VOC	1.45	6.4
		SO2	0.09	0.4
AGVENT	Amine Regeneration Unit Vent	H2S	2.26	9.9
FLARE	Process Flare	NOx	0.03	0.1
		CO	0.07	0.3
		VOC	0.24	1.1
HTR H-1	Regeneration Gas Heater	NOx	0.24	1.1
		CO	0.18	0.8
		VOC	0.02	0.1
		SO2	0.05	0.2
		PM	0.04	0.2
LOADING	Loading Rack Fugitive Emissions	VOC	2.27	4.1

- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen

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SO₂ - sulfur dioxide

CO - carbon monoxide

H₂S - hydrogen sulfide

- (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 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Revised _____