

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8999A

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 *	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>
COMSTK-1	Compressor 1	NO _x	4.8	21.3
		SO ₂	0.01	0.02
		CO	4.8	21.3
		VOC	1.8	8.0
		PM	0.02	0.11
COMSTK-2	Compressor 2	NO _x	4.8	21.3
		SO ₂	0.01	0.02
		CO	4.8	21.3
		VOC	1.8	8.0
		PM	0.02	0.11
COMSTK-3	Compressor 3	NO _x	4.8	21.3
		SO ₂	0.01	0.02
		CO	4.8	21.3
		VOC	1.8	8.0
		PM	0.02	0.11
COMSTK-4	Compressor 4	NO _x	4.8	21.3
		SO ₂	0.01	0.02
		CO	4.8	21.3
		VOC	1.8	8.0
		PM	0.02	0.11
TURSTK-17	Turbine 17	NO _x	25.2	111.0
		SO ₂	0.03	0.13
		CO	3.7	16.2
		VOC	1.7	7.2
		PM	1.5	6.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
TURSTK-18	Turbine 18	NO _x	25.2	111.0
		SO ₂	0.03	0.13
		CO	3.7	16.2
		VOC	1.7	7.2
		PM	1.5	6.5
TURSTK-17A	Turbine 17A	NO _x	25.2	111.0
		SO ₂	0.03	0.13
		CO	3.7	16.2
		VOC	1.7	7.2
		PM	1.5	6.5
TURSTK-18A	Turbine 18A	NO _x	25.2	111.0
		SO ₂	0.03	0.13
		CO	3.7	16.2
		VOC	1.7	7.2
		PM	1.5	6.5
HTRSTK-7	Heater 7	NO _x	8.0	35.2
		SO ₂	0.04	0.20
		CO	6.3	27.4
		VOC	0.4	1.8
		PM	0.6	2.5
HTRSTK-8	Heater 8	NO _x	1.1	4.8
		SO ₂	<0.01	0.01
		CO	0.4	1.8
		VOC	0.03	0.12
		PM	0.04	0.16
HTRSTK-9	Heater 9	NO _x	0.05	0.22
		SO ₂	<0.01	<0.01
		CO	0.04	0.19
		VOC	<0.01	0.01
		PM	<0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
TK-11	Tank 11	VOC	10.5	4.2
TK-15	Tank 15	VOC	13.7	0.3
TK-16	Tank 16	VOC	67.1	1.4
TRKLD-11A	Truck Loading	VOC	11.1	6.9
TRKLD-15A	Truck Loading	VOC	12.6	0.1
DSLSTK-13	Diesel Engine 13	NO _x	7.8	0.2
		SO ₂	0.51	0.01
		CO	1.7	0.04
		VOC	0.6	0.02
		PM	0.55	0.01
INCIN-10	Incinerator	NO _x	1.4	6.2
		SO ₂	56.6	248.6
		CO	6.2	27.0
		VOC	0.5	2.1
		PM	0.1	0.4
		H ₂ S	2.4	10.4
FLRAG-20	Acid Gas Flare	NO _x	0.4	0.01
		SO ₂	<0.01	<0.01
		CO	3.10	0.5
		VOC	0.24	0.03
		PM	<0.01	<0.01
		H ₂ S	1.2	0.2
FLR-21 Only	Flare	Emergency	Use/Upset	Conditions
GLYVNT	Glycol Vent	VOC	2.3	23.1

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FUG-12	Fugitives	VOC	0.7	65.1
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- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - H₂S - hydrogen sulfide
 - 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.
 - CO - carbon monoxide
- (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 8,760 Hrs/year