

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26395

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
A1	Compressor Engine Waukesha L7042 GU	NO _x	4.51	19.75
		CO	6.77	29.65
		SO ₂	0.12	0.53
		VOC	0.56	2.45
A2	Compressor Engine Waukesha L7042 GU	NO _x	4.51	19.75
		CO	6.77	29.65
		SO ₂	0.12	0.53
		VOC	0.56	2.45
A3	Compressor Engine Waukesha L7042 GSI	NO _x	6.81	29.83
		CO	10.22	44.76
		SO ₂	0.17	0.74
		VOC	0.85	3.72
A4	Compressor Engine Waukesha L7042 GSI	NO _x	6.81	29.83
		CO	10.22	44.76
		SO ₂	0.17	0.74
		VOC	0.85	3.72
A5	Compressor Engine Waukesha F2895	NO _x	1.85	8.10
		CO	2.78	12.18
		SO ₂	0.05	0.22
		VOC	0.23	1.01
A7	Glycol Dehydrator Heater Stack	NO _x	0.03	0.13
		CO	0.01	0.03
		SO ₂	<0.01	0.02
		PM	<0.01	0.02
		VOC	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
A8	Regen Gas Heater	NO _x	0.15	0.65
		CO	0.03	0.14
		SO ₂	0.02	0.09
		PM	0.02	0.08
		VOC	0.01	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
A9	Condensate Reboiler Heater Stack	NO _x	0.25	1.08
		CO	0.05	0.23
		SO ₂	0.04	0.15
		PM	0.03	0.13
		VOC	0.01	0.04
A10	Flare (4)	NO _x	0.29	1.31
		CO	1.15	5.22
		VOC	0.24	1.05
A-11	Compressor Engine Caterpillar G3606 LE	NO _x	7.33	32.11
		CO	6.78	29.70
		SO ₂	0.18	0.79
		VOC	1.47	6.44
A-12	Compressor Engine Caterpillar G3606 LE	NO _x	7.33	32.11
		CO	6.78	29.70
		SO ₂	0.18	0.79
		VOC	1.47	6.44
A-13	Start-up Engine	NO _x	4.34	0.21
		CO	0.58	0.03
		SO ₂	0.02	<0.01
		VOC	0.26	0.01
A-FUG	Fugitives (5)	VOC	2.00	8.76
<u>PLANT-B</u>				
1	Compressor Engine Waukesha L7042 GL	NO _x	5.26	23.06
		CO	6.78	29.70
		SO ₂	0.13	0.58
		VOC	1.47	6.44
2	Compressor Engine	NO _x	5.26	23.06

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			<u>lb/hr</u>	<u>TPY</u>
	Waukesha L7042 GL	CO	6.78	29.70
		SO ₂	0.13	0.58
		VOC	1.47	6.44

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
3	Compressor Engine Caterpillar G3516 TA	NO _x	4.54	19.89
		CO	4.54	19.89
		SO ₂	0.14	0.61
		VOC	0.96	4.20
4	Compressor Engine Caterpillar G379 TA	NO _x	1.67	7.31
		CO	1.67	7.31
		SO ₂	0.05	0.22
		VOC	0.42	1.45
5	Compressor Engine Waukesha 3711	NO _x	2.20	9.64
		CO	3.30	14.45
		SO ₂	0.08	0.35
		VOC	0.28	1.23
6	Regen Gas Heater	NO _x	0.18	0.80
		CO	0.04	0.17
		PM	0.02	0.10
		VOC	0.01	0.03
7	Flare (4)	NO _x	0.01	0.05
		CO	0.05	0.21
		VOC	<0.01	<0.01
8	Compressor Engine Caterpillar G3606 LE	NO _x	7.33	32.11
		CO	6.78	29.70
		SO ₂	0.20	0.88
		VOC	1.47	6.44
9	Compressor Engine Caterpillar G3606 LE	NO _x	7.33	32.11
		CO	6.78	29.70
		SO ₂	0.20	0.88
		VOC	1.47	6.44
10	Glycol Reboiler Heater Stack	NO _x	0.18	0.80
		CO	0.04	0.17

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			lb/hr	TPY
		SO ₂	0.03	0.11
		PM	0.02	0.10
		VOC	0.01	0.03
SLOP	Slop Tank	VOC	0.01	<0.01
SLOPLOAD	Slop Truck Loading	VOC	<0.01	<0.01
FUG-B	Fugitives (5)	VOC	0.60	2.62

- (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) NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 VOC - volatile organic compounds as defined in General Rule 101.1
 PM - particulate matter
- (4) Also serves as emergency flare .
- (5) 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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated _____