

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84196

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**
COMPNEW1	Waukesha L7044 GSI 1,680 hp @ 1,200 rpm 8,760 hrs/yr Catalytic Converter + AFR	NO _x	7.41	32.44
		CO	10.37	45.42
		VOC	0.37	1.62
		SO ₂	0.01	0.03
		PM ₁₀	0.26	1.12
		H ₂ CO	0.14	0.59
COMPNEW2	Waukesha L7044 GSI 1,680 hp @ 1,200 rpm 8,760 hrs/yr Catalytic Converter + AFR	NO _x	7.41	32.44
		CO	10.37	45.42
		VOC	0.37	1.62
		SO ₂	0.01	0.03
		PM ₁₀	0.26	1.12
		H ₂ CO	0.14	0.59
COMPNEW3	Waukesha L7044 GSI 1,680 hp @ 1,200 rpm 8,760 hrs/yr Catalytic Converter + AFR	NO _x	7.41	32.44
		CO	10.37	45.42
		VOC	0.37	1.62
		SO ₂	0.01	0.03
		PM ₁₀	0.26	1.12
		H ₂ CO	0.14	0.59
COMPNEW4	Waukesha L7044 GSI 1,680 hp @ 1,200 rpm 8,760 hrs/yr Catalytic Converter + AFR	NO _x	7.41	32.44
		CO	10.37	45.42
		VOC	0.37	1.62
		SO ₂	0.01	0.03
		PM ₁₀	0.26	1.12
		H ₂ CO	0.14	0.59

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DEHY3	Glycol Dehydrator Regeneration Heater 5,760 hrs/yr	NO _x	0.47	1.34
	Glycol Dehydrator Still Vent and Flash Tank 5,760 hrs/yr	CO	0.55	1.59
		VOC	2.24	6.46
		SO ₂	<0.01	0.01
		PM ₁₀	0.04	0.12
CONDTK-1C	100 bbl Condensate Tank	VOC	0.04	0.18
CONDTK-1D	100 bbl Condensate Tank	VOC	0.04	0.18
CONDTK-1E	100 bbl Condensate Tank	VOC	0.04	0.18
FUGAREA3	Equipment Leak Fugitives	VOC	1.64	7.19

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
SO₂ - sulfur dioxide
H₂CO - formaldehyde

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

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

** Compliance with annual emission limits is based on a rolling 12-month period.

*** This emission limitation is established to demonstrate that MACT Subpart HH is not triggered for this unit.

Dated November 19, 2009