

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATE

Permit Number 48184

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, sources, and related activities. 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 (4)
CM-105	1340-hp Waukesha L5794 GSIE	VOC	0.60	2.64
		NO _x	1.32	5.80
		CO	2.00	8.80
		PM ₁₀	0.20	0.88
		PM _{2.5}	0.20	0.88
		SO ₂	0.01	0.03
		BENZENE	0.02	0.07
		FORMALDEHYDE	0.21	0.93
CM-106	1340-hp Waukesha L5794 GSIE	VOC	0.58	2.56
		NO _x	1.29	5.63
		CO	1.95	8.54
		PM ₁₀	0.20	0.85
		PM _{2.5}	0.20	0.85
		SO ₂	0.01	0.03
		BENZENE	0.02	0.07
		FORMALDEHYDE	0.21	0.90
CM-107	1340-hp Waukesha L5794 GSIE	VOC	0.58	2.56
		NO _x	1.29	5.63
		CO	1.95	8.54

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			lb/hr	TPY (4)
CM-107	1340-hp Waukesha L5794 GSIE	PM ₁₀	0.20	0.85
		PM _{2.5}	0.20	0.85
		SO ₂	0.01	0.03
		BENZENE	0.02	0.07
		FORMALDEHYDE	0.21	0.90
D1	0.375 MMBTU/HR TEG DEHY Reboiler	VOC	0.002	0.009
		NO _x	0.04	0.16
		CO	0.03	0.14
		PM ₁₀	0.003	0.01
		PM _{2.5}	0.003	0.01
		SO ₂	<0.001	0.001
DEHY-1	TEG Dehydration Unit	VOC	0.01	0.45
		BENZENE	<0.001	0.003
MISC-1	Lube Oil Tank	VOC	0.03	0.14
MISC-2	Lube Oil Tank	VOC	0.03	0.14
MISC-3	Lube Oil Tank	VOC	0.03	0.14
MISC-4	Methanol Tank	VOC	<0.001	0.02
MISC-5	Methanol Tank	VOC	<0.001	0.02
MISC-6	Methanol Tank	VOC	<0.001	0.02
T-1	210-bbl Produced Water/Condensate Tank	VOC	0.01	0.04
T-2	210-bbl Produced Water/Condensate Tank	VOC	<0.001	<0.001

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
MSS	Blowdowns	VOC	62.50	0.03
		BENZENE	0.21	<0.001
LL-1	Tank Truck Loading	VOC	<0.01	<0.01
		BENZENE	<0.01	<0.01

(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) Air contaminant abbreviations and/or definitions.

Exempt Solvent those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

HRVOC highly reactive volatile organic compounds as defined in 30 TAC § 115.10

IOC-U inorganic compounds (unspeciated)

NO_x total oxides of nitrogen

SO₂ sulfur dioxide

PM total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5} as represented

PM_{2.5} particulate matter equal to or less than 2.5 microns in diameter

CO carbon monoxide

HAP hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

Pb lead

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.