

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX123M1

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized 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 authorized by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
TRB1-TRB18	Annual cap (6) Propane (6) Ethylene (6) Methane Refrigeration Turbines	CO ₂ (5)	3,963,366
		CH ₄ (5)	75
		N ₂ O (5)	8
		CO ₂ e	3,967,486
TO-1	Thermal Oxidizer	CO ₂ (5)	360,494
		CH ₄ (5)	11
		N ₂ O (5)	<1
		CO ₂ e	360,789
TO-2	Thermal Oxidizer	CO ₂ (5)	360,494
		CH ₄ (5)	11
		N ₂ O (5)	<1
		CO ₂ e	360,789
TO-3	Thermal Oxidizer	CO ₂ (5)	360,494
		CH ₄ (5)	11
		N ₂ O (5)	<1
		CO ₂ e	360,789
WTDYFLR1-2	Annual Wet/Dry Gas Flare Cap (Continuous and MSS)	CO ₂ (5)	300,704
		CH ₄ (5)	1,485
		N ₂ O (5)	<1
		CO ₂ e	337,969
MRNFLR	Marine Flare	CO ₂ (5)	85,176
		CH ₄ (5)	666
		N ₂ O (5)	<1
		CO ₂ e	101,814
GEN1	Standby Generator 1	CO ₂ (5)	129
		CH ₄ (5)	<1
		N ₂ O (5)	<1

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		CO ₂ e	129
GEN2	Standby Generator 2	CO ₂ (5)	129
		CH ₄ (5)	<1
		N ₂ O (5)	<1
		CO ₂ e	129
GEN3	Standby Generator 3	CO ₂ (5)	129
		CH ₄ (5)	<1
		N ₂ O (5)	<1
		CO ₂ e	129
GEN4	Standby Generator 4	CO ₂ (5)	129
		CH ₄ (5)	<1
		N ₂ O (5)	<1
		CO ₂ e	129
FWPUMP1	Diesel Firewater Pump 1	CO ₂ (5)	24
		CH ₄ (5)	<1
		N ₂ O (5)	<1
		CO ₂ e	24
FWPUMP2	Diesel Firewater Pump 2	CO ₂ (5)	24
		CH ₄ (5)	<1
		N ₂ O (5)	<1
		CO ₂ e	24
TRKVCU	Condensate Truck Loading VCU	CO ₂ (5)	21,859
		CH ₄ (5)	1
		N ₂ O (5)	<1
		CO ₂ e	21,947
FUG	Fugitive Emissions (6)	CO ₂ (5)	23
		CH ₄ (5)	92
		CO ₂ e	2,334
MSS-BOG	BOG Compressor MSS Venting	CH ₄ (5)	1
		CO ₂ e	19

- (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) CO₂ - carbon dioxide
N₂O - nitrous oxide

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CH₄ - methane
HFCs - hydrofluorocarbons
PFCs - perfluorocarbons
SF₆ - sulfur hexafluoride
CO₂e - carbon dioxide equivalents based on the following Global Warming Potentials (1/2015):
CO₂ (1), N₂O (298), CH₄(25), SF₆ (22,800), HFC (various), PFC (various)

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

Date: July 20, 2018