

Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX123

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 covered by this permit. 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
			TPY (4)
TRB1 – TRB18	Turbine 1 – Turbine 18 Emission rates are per turbine	CO ₂ (5)	146,601
		CH ₄ (5)	2.8
		N ₂ O (5)	0.28
		CO _{2e}	146,754
TO-1	Thermal Oxidizer	CO ₂ (5)	196,438
		CH ₄ (5)	0.55
		N ₂ O (5)	0.02
		CO _{2e}	196,458
TO-2	Thermal Oxidizer	CO ₂ (5)	196,438
		CH ₄ (5)	0.55
		N ₂ O (5)	0.02
		CO _{2e}	196,458
TO-3	Thermal Oxidizer	CO ₂ (5)	196,438
		CH ₄ (5)	0.55
		N ₂ O (5)	0.02
		CO _{2e}	196,458
WTDYFLR1	Wet/Dry Gas Flare 1	CO ₂ (5)	66,670
		CH ₄ (5)	184
		N ₂ O (5)	0.11
		CO _{2e}	71,303
WTDYFLR2	Wet/Dry Gas Flare 2	CO ₂ (5)	66,670
		CH ₄ (5)	184
		N ₂ O (5)	0.11

Emission Sources - Maximum Allowable Emission Rates

		CO _{2e}	71,303
MRNFLR	Marine Flare	CO ₂ (5)	25,932
		CH ₄ (5)	107
		N ₂ O (5)	0.01
		CO _{2e}	28,610
GEN1	Standby Generator 1	CO ₂ (5)	35
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	35
GEN2	Standby Generator 2	CO ₂ (5)	35
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	35
GEN3	Standby Generator 3	CO ₂ (5)	35
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	35
GEN4	Standby Generator 4	CO ₂ (5)	35
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	35
FWPUMP1	Diesel Firewater Pump 1	CO ₂ (5)	13
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	13
FWPUMP2	Diesel Firewater Pump 2	CO ₂ (5)	13
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	13

Emission Sources - Maximum Allowable Emission Rates

FWPUMP3	Diesel Firewater Pump 3	CO ₂ (5)	13
		CH ₄ (5)	<0.01
		N ₂ O (5)	<0.01
		CO _{2e}	13
BOG	BOG Compressor Venting	CH ₄ (5)	0.75
		CO _{2e} (6)	19
FUG	Fugitive Emissions	CO ₂ (5)	0.22
		CH ₄ (5)	433
		CO _{2e} (6)	10,825

- (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
 CH₄ - methane
 CO_{2e} - carbon dioxide equivalents based on the following Global Warming Potentials (11/2014):
 CO₂ (x), 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.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: February 27, 2015