

# Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX128

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for sources of air contaminants on the applicant's property authorized by this permit. 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)
TO-2	Standby Thermal Oil Heater Stack	CH <sub>4</sub> (5)	<1
		CO <sub>2</sub>	2,541
		CO <sub>2</sub> e	2,864
		N <sub>2</sub> O (5)	<1
EFP-1	Emergency Fire Pump (Diesel) Stack	CH <sub>4</sub> (5)	<1
		CO <sub>2</sub>	12
		CO <sub>2</sub> e	335
		N <sub>2</sub> O (5)	<1
EG-1	Emergency Generator (Diesel) Stack	CH <sub>4</sub> (5)	<1
		CO <sub>2</sub>	58
		CO <sub>2</sub> e	381
		N <sub>2</sub> O (5)	<1
RTO-01	RTO 1 Stack (Dryer 1, Venturi Scrubber 1, and WESP 1)	CH <sub>4</sub> (5)	17
		CO <sub>2</sub>	226,439
		CO <sub>2</sub> e	229,596
		N <sub>2</sub> O (5)	9
SB-1	Standby Burner No. 1 Stack	CH <sub>4</sub> (5)	<1
		CO <sub>2</sub>	6,353
		CO <sub>2</sub> e	6,676
		N <sub>2</sub> O (5)	<1

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RTO-02	RTO 2 Stack (Dryer 2, Venturi Scrubber 2, and WESP 2)	CH <sub>4</sub> (5)	17
		CO <sub>2</sub>	226,439
		CO <sub>2</sub> e	229,596
		N <sub>2</sub> O (5)	9
SB-2	Standby Burner No. 2 Stack	CH <sub>4</sub> (5)	<1
		CO <sub>2</sub>	6,353
		CO <sub>2</sub> e	6,676
		N <sub>2</sub> O (5)	<1
RTO-03	RTO 3 (OSB Press) Stack	CO <sub>2</sub>	18,135
		CO <sub>2</sub> e	18,135

- (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) CH<sub>4</sub> - methane  
CO - carbon dioxide  
CO<sub>2</sub>e - carbon dioxide equivalents based on the following Global Warming Potentials (11/2014): CO<sub>2</sub> (1), N<sub>2</sub>O (298), CH<sub>4</sub> (25), and SF<sub>6</sub> (22,800).  
N<sub>2</sub>O - nitrous oxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period. These emission rates include maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.

Date: October 23, 2015