

# Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX128

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
			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	226,439
		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 ( <b>Dryer 2</b> , Venturi Scrubber 2, and WESP 2)	<b>CH<sub>4</sub> (5)</b>	<b>17</b>
		<b>CO<sub>2</sub></b>	<b>226,439</b>
		<b>CO<sub>2</sub>e</b>	<b>226,439</b>
		<b>N<sub>2</sub>O (5)</b>	<b>9</b>
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: \_\_\_\_\_