

Emission Sources - Maximum Allowable Emission Rates

Permit Number 2629

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	
			lbs/hour	TPY (4)
D-2 (6,7)	Boiler Unit 2 405 MW (nominal) Natural Gas Fired	NO _x	2269.00	9938.00
		CO	165.00	723.00
		VOC	6.00	26.00
		PM ₁₀	20.60	90.00
		SO ₂	2.50	11.00
D-2 (6,7)	Boiler Unit 2 405 MW (nominal) Fuel Oil-fired	NO _x	1191.00	5217.00
		CO	143.00	626.00
		VOC	22.00	96.00
		PM ₁₀	300.00	1314.00
		SO ₂	3177.00	13915.00
D2OILVENTS (8)	Boiler Unit 2 Lube Oil System Vents and Piping	VOC	0.21	0.94
		PM ₁₀	0.21	0.94
D2EHC21CFRV	Boiler Unit 2 Electro-hydraulic Control Fluid System Vents and Piping	VOC	0.01	0.05
		PM ₁₀	0.01	0.05
ILEMSS (5)	ILE Maintenance Activities (Attachment A)	NO _x	<0.01	<0.01
		VOC	0.05	0.01
		PM ₁₀	0.05	<0.01
		PM _{2.5}	0.05	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - total particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
H₂S - hydrogen sulfide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Pounds per hour and the tons per year include maintenance, start-up, and shutdown emissions.
- (7) The emission limits for combusting both natural gas and fuel oil during an averaging period are calculated as the average of the limits for each fuel proportionally weighted by each fuel's heat input to the unit during the period.
- (8) This grouping includes the following FINs: D2HSU21SORV, D2FDF21LORV, D2FDF22LORV, D2GRF21LORV, D2GRF22LOVR, D2LOR21V, and D2LOR22V.

Date: _____