

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 81853 and PSDTX1092

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. 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 *	
			lb/hr	TPY**
19A	Cogeneration Train	NO _x	24.2	105.9
		NO _x (4)	350.0	-
		CO	110.4	483.6
		CO (4)	6800.0	-
		VOC	9.1	39.6
		PM ₁₀	23.4	102.3
		SO ₂	2.7	11.9
		NH ₃	67.0	195.7
		H ₂ SO ₄	0.4	1.8
19B	Cogeneration Train	NO _x	24.2	105.9
		NO _x (4)	350.0	-
		CO	110.4	483.6
		CO (4)	6800.0	-
		VOC	9.1	39.6
		PM ₁₀	23.4	102.3
		SO ₂	2.7	11.9
		NH ₃	67.0	195.7
		H ₂ SO ₄	0.4	1.8
19C	Cogeneration Train	NO _x	24.2	105.9
		NO _x (4)	350.0	-
		CO	110.4	483.6
		CO (4)	6800.0	-
		VOC	9.1	39.6
		PM ₁₀	23.4	102.3
		SO ₂	2.7	11.9
		NH ₃	67.0	195.7
		H ₂ SO ₄	0.4	1.8

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31	Fugitives (5)	NH ₃	0.2	1.0
50A	No. 1 Firewater Pump Engine	NO _x	15.5	3.9
		CO	3.3	0.8
		PM ₁₀	1.1	0.3
		VOC	1.3	0.3
		SO ₂	1.0	0.3
50B	No. 2 Firewater Pump Engine	NO _x	15.5	3.9
		CO	3.3	0.8
		PM ₁₀	1.1	0.3
		VOC	1.3	0.3
		SO ₂	1.0	0.3

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
SO₂ - sulfur dioxide
NH₃ - ammonia
H₂SO₄ - sulfuric acid
- (4) Start-up and shutdown emission rates. These are included in the TPY limit.
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

____Hrs/day ____Days/week ____Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.