

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18110

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
EG-1	8,400-HP Cooper Bessemer Duel Fuel Engine (94.5 percent of heat input from natural gas and 5.5 percent from diesel fuel oil)	NO _x	92.2	403.8
		CO	31.3	138.0
		SO ₂	2.3	12.3
		PM	0.1	0.4
		VOC	12.9	57.0
EG-1	8,400-HP Cooper Bessemer Duel Fuel Engine (100 percent of heat input from diesel fuel oil)	NO _x	221.1	238.8
		CO	5.5	5.9
		SO ₂	27.9	39.3
		PM	1.0	2.5
		VOC	7.4	8.0
ST-1	Fuel Oil Storage Tank	VOC	0.0005	0.016
ST-2	Fuel Oil Storage Tank	VOC	0.0005	0.016

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

SO₃ - sulfur trioxide

NH₃ - ammonia

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			<u>lb/hr</u>	<u>TPY</u>

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated_____