

Emission Sources - Maximum Allowable Emission Rates

Permit Number 4659

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)
10	Gas Turbine 22 MW (gas-fired)	NO _x	211.0	64.4
		NO _x (MSS)	309.74	--
		CO	31.6	11.4
		VOC	6.9	2.5
		PM	12.0	4.4
		SO ₂	4.2	1.6
10	Gas Turbine 22 MW (oil-fired) (5)	NO _x	308.0	37.0
		CO	13.6	1.8
		VOC	4.8	0.7
		PM	17.3	2.3
		SO ₂	85.9	12.0
FUG-MSS	MSS Fugitives	VOC	0.02	< 0.01

(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) PM - particulate matter

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

MSS - (planned) maintenance, startup, and shutdown

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) "Oil-fired" annual emissions are based on 300 hours per year of usage.

Date: _____

