

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17692

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**
DT-1	DynaTest			
DT-2	DynaTest			
TEST-1	Turbine Testline (5)			
CLTEST-1	Closed Loop Test Cell (6)			
AUX-1	DynaTest Auxiliary Diesel Generator (2,020-hp)			
AUX-2	Testline Auxiliary Diesel Generator (747-hp)			
COMP-1	Testline Compressor			
Emission Cap for Group Combustion Sources***		NO _x	2,755	163.3
		VOC	343	21.8
		CO	1,230	90.7
		SO ₂	342	18.0
		PM ₁₀	35.3	13.3

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
G-PAINT	Building G Paint Shop			
F-PAINT	Building F Paint Shop			
	Emission Cap	VOC	70.0	10.5
	for Group Paint Sources****	PM	2.0	0.4
F-FUG	Building F Paint Shop Fugitives (4)	VOC	1.8	0.6

(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

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

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.

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) TEST-1 represents between 1 and 7 specific points of emission from the 1-7 turbines tested on the turbine test line at any given time.

(6) CLTEST-1 represents between 1 and 4 specific points of emission from the turbine testing facility, CLTEST-1, at any given time.

* 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.

*** Group Combustion Sources = DT-1, DT-2, Test-1, CLTEST-1, AUX-1, AUX-2, and Comp-1

**** Group Paint Sources = G-Paint, and F-Paint

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

Dated September 1, 2004