

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Texas Aero Engine Service, L.L.C.

Permit No. 37621

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.

CONTAMINANTS DATA			AIR	
Emission *	Building/Area	Air Contaminant	<u>Emission Rates</u>	
<u>Point No.</u>	<u>(1) Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
12	Turbine Engine Overhaul	VOC	102.22	21.70
		PM	16.11	8.06
		Non-Criteria Pollutants		69.48
	63.32			
	Caustic Scrubber	KMnO ₄	0.14	0.63
		Alkalies	0.10	0.44
	Acid Scrubber	Acids	0.02	0.09
13	Heat Treat/Blast/ Mtl Spray	VOC	23.56	3.59
		PM	1.17	0.30
		Non-Criteria Pollutants		9.10
	11.73			
15	Engine Test Cell	VOC	12.85	5.29
		PM	4.54	1.88
		CO	32.64	14.68
		NO _x	841.88	173.07
		SO ₂	17.71	9.12

TOTAL (tons/yr):

30.58 (VOC)	75.05 (Non Criteria Pollutants)
10.24 (PM)	0.63 (KMnO ₄)
14.68 (CO)	0.44 (Alkalies)
178.07 (No _x)	0.09 (Acids)
19.41 (SO ₂)	

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- (1) Emission point identification - either specific building designation or emission point number from plot plan.
- (2) Specific point source or building name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
KMnO₄ - potassium permanganate
Alkalies - sodium hydroxide
Acids - nitric acid and sulfuric acid
Non-Criteria pollutants - all other air contaminants not defined above

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

Hr/day _____ Days/wk _____ Wk/yr _____
Hr/yr 8,760

Dated _____