

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 46899

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
(4)				
TO-1	Paint Booths, Drying Ovens, Curing Oven, and Air Makeup Units routed to Thermal Oxidizer	VOC	7.89 (5)	11.39
		Exempt Solvents	5.24 (5)	5.05
		PM	0.17	0.47
		NO _x 1.44	6.29	
		CO 1.75	7.72	
		TOC (combustion)	0.02	0.08
		SO ₂ 0.01	0.01	
		PM (combustion)	0.06	0.20
PNTKIT1, 2, 3	Paint Kitchen	VOC	0.38 (5)	1.06
		Exempt Solvents	0.20 (5)	0.43
OVEN1	IR Oven No. 1 (Mercury Line)	NO _x	0.003	0.012
		CO 0.001	0.005	
		TOC (combustion)	<0.001	<0.001
		SO ₂ <0.001	<0.001	
		PM (combustion)	<0.001	<0.001
OVEN2	IR Oven No. 1 (Gemini Line)	NO _x	0.003	0.012
		CO 0.001	0.005	
		TOC (combustion)	<0.001	<0.001
		SO ₂ <0.001	<0.001	
		PM (combustion)	<0.001	<0.001
ALL (6)	Various	Individual HAPs		<10.00

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- (1) Emission point identification number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
Exempt solvents - compounds or mixtures of carbon compounds excluded from definition of VOC.
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 in emitted.

NO_x - nitrogen oxides
CO - carbon monoxide
SO₂ - sulfur dioxide
TOC - total organic compounds
HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or 40 CFR Part 63, Subpart C
- (4) Emission rates for a rolling 12-month period.
- (5) Valid substitution in accordance with Special Condition No. 10 may cause rate to vary. Hourly VOC plus exempt solvent emissions from Emission Point Nos. TO-1 and PNTKIT1,2,3 shall not exceed 13.13 lb/hr and 0.58 lb/hr, respectively. Annual VOC plus exempt solvent emissions from Emission Point Nos. TO-1 and PNTKIT1,2,3 shall not exceed 16.44 TPY and 1.49 TPY, respectively.
- (6) Emission Point Nos. TO-1 and PNTKIT1, 2, 3

Dated February 24, 2004