

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 43104

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit. The emission rates shown are those derived from information submitted in the application for permit renewal 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) (3)	Source Name	Air Contaminant Name (2)	<u>Emission Rates</u> lb/hr	TPY
RTO	Stain Booth with Dryer and Topcoat/Sealer Booth with Dryers vented through a 6.0 MMBtu/hr Thermal Oxidizer	VOC and ES VOC (4) PM/PM ₁₀ (4) NO _x CO SO ₂	8.46 0.03 0.05 0.59 0.50 <0.01	 0.02 0.02 0.21 0.18 0.02
1, 2, 3, and 4	Stain Booth with Dryer and Topcoat/Sealer Booth with Dryers vented uncontrolled	VOC and ES PM/PM ₁₀	167.00 0.65	
RTO 1, 2, 3, and 4	Booths and Dryers Controlled and Uncontrolled	VOC and ES PM/PM ₁₀		40.00 2.85
5	3.5 MMBtu/Hr Boiler	VOC PM/PM ₁₀ NO _x CO SO ₂	0.02 0.03 0.34 0.29 <0.01	0.09 0.11 1.50 1.27 0.01
6	5.5 MMBtu/Hr Makeup Air Heater	VOC PM/PM ₁₀ NO _x CO SO ₂	0.03 0.04 0.54 0.45 <0.01	0.13 0.18 2.37 1.99 0.01
7	Wood Shop and Coating Preparation vented through a Baghouse	PM/PM ₁₀	0.69	3.03
8	Wood Shop Glue and Space	VOC	3.64	1.82

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Emission Point No. (1)	Source Name	Air Contaminant Name (2)	<u>Emission Rates</u>	
(3)			lb/hr	TPY
	Heater Fugitives	VOC (4)	0.01	0.02
		PM/PM ₁₀	0.01	0.03
		NO _x	0.09	0.41
		CO	0.04	0.18
		SO ₂	<0.01	<0.01
9	Valve, Connection, and Flange Fugitives	VOC	0.02	0.06
RTO, 1, 2, 3, 4, 5, 3.92	All Sources	Each HAP		
6, 7, 8, and 9		All HAP		13.03

(1) Emission point identification from plot plan.

- (2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
ES - exempt solvent as defined in Title 30 Texas Administrative Code ' 101.1
PM - total particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter, equal to or less than a nominal 10 microns in aerodynamic diameter, including PM_{2.5}
PM_{2.5} - particulate matter, equal to or less than a nominal 2.5 microns in aerodynamic diameter
NO_x - oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
HAP - hazardous air pollutant as identified in Title 40 Code of Federal Regulations Part 63, Subpart C

(3) Rate is for a rolling 12-consecutive months.

(4) Product of combustion.

Dated July 1, 2010