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 after the thermal oxidizer controlling emissions from the stain and topcoat/sealer booths and dryers.

		AIR CONTAMINANTS DATA		
Emission Point No. (1) (3)	Source Name	Air Contaminant Name (2)	Emission Rates lb/hr	TPY
RTO	Stain Booth with Dryer and Topcoat/Sealer Booth with Dryers vented through a Thermal Oxidizer	VOC	8.46	
		VOC (4)	0.03	0.02
		PM/PM_{10} (4)	0.04	0.02
		NO_x	0.59	0.21
		CO	0.50	0.18
		SO_2	<0.01	0.02
1, 2, 3, and 4	Stain Booth with Dryer and Topcoat/Sealer Booth with Dryers vented uncontrolled	VOC	167.00	
		PM/PM_{10}	0.65	
RTO and 1, 2, 3, and 4	Booths and Dryers Controlled and Uncontrolled	VOC		40.00
		PM/PM_{10}		2.85
5	3.5 MMBtu/Hr Boiler	VOC	0.02	0.09
		PM/PM_{10}	0.03	0.11
		NO_x	0.34	1.50
		CO	0.29	1.27
		SO_2	<0.01	0.01
6	5.5 MMBtu/Hr Makeup Air Heater	VOC	0.03	0.13
		PM/PM_{10}	0.04	0.18
		NO_x	0.54	2.37
		CO	0.45	1.99
		SO_2	<0.01	0.01
7	Wood Shop vented through a Baghouse	PM	0.69	3.03
		PM_{10}	0.37	1.60

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name	Air Contaminant Name (2)	Emission Rates lb/hr	TPY (3)
8	Wood Shop Glue and Space Heater Fugitives	VOC	3.64	1.82
		VOC (3)	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	0.10	0.46

(1) Emission point identification from plot plan
(2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - total particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter, equal to or less than a nominal 10 microns in aerodynamic diameter
NO_x - oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
(3) Rate is for a rolling 12-consecutive months.
(4) Product of combustion

Dated January 3, 2006