EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9739

This table lists the maximum allowable emission rates for the sources of emissions authorized by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	Emission Rates TPY (4)
E1	Sander Dust Silo (Baghouse)	PM	0.25	1.10
		VOC	<0.01	<0.01
E2	Sander Dust (Baghouse)	PM	1.30	5.70
		VOC	0.03	0.09
E3	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E4	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E5	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E5A	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E5B	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E5C	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E5D	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E5E	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.02	0.08
E7	Direct-Fired Boiler	PM	0.36	1.52
		CO	3.70	16.39
		NO_x	4.40	19.83
		SO_2	2.56	0.44

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	Emission Rates TPY (4)
		VOC	0.24	1.07
E8	Fume Oxidizer/Waste Heat Boiler	PM	0.36	0.54
		CO	12.00	52.68
		NO_x	3.60	6.89
		SO_2	2.56	0.36
		VOC	0.54	2.36
E9	Fume Oxidizer/Waste Heat Boiler	PM	0.36	0.54
		CO	12.00	52.68
		NO_x	3.60	6.89
		SO_2	2.56	0.36
		VOC	0.20	0.88
E10	Fume Oxidizer/Waste Heat Boiler	PM	0.36	0.54
		CO	12.00	52.68
		NO_x	3.60	6.89
		SO_2	2.56	0.36
		VOC	0.54	2.36
E11	Hurst Sander Boiler/ Electrostatic Precipitator	PM	7.10	31.10
		CO	8.60	37.67
		NO_x	11.20	49.06
		SO_2	0.47	2.05
		VOC	0.78	3.43
E12	Melamine RTO	PM	0.50	2.19
		CO	4.00	17.52
		NO_x	2.30	10.08
		SO_2	0.02	0.09
		VOC	1.40	6.18
E21-E26	Press I -VI (Hood)	VOC	1.48	6.47
E31	Phenolic Checkstand (Vent)	VOC	0.31	1.35
E33	Melamine Treater Wet	VOC	1.98	8.64

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	Emission Rates TPY (4)
	End (3 Stacks)			
E34A	Melamine Treater Dryer No. 1	VOC	7.17	3.59
E34B	Melamine Treater Dryer No. 1	VOC	1.76	7.71
E35	Melamine Treater Dryer No. 3	VOC	9.90	4.95
		SO_2	<0.01	<0.01
		NO_x	0.54	0.27
		PM	0.04	0.02
		CO	0.45	0.23
E36	Melamine Treater Dryer No. 2	VOC	8.92	39.07
E51.01-E51.12	Press Area (General) Exhaust Roof Vents	VOC	0.24	0.72
E53	Melamine Area (General Exhaust Vents)	VOC	2.53	2.33
V1 through V4	Phenolic Resin Tanks	VOC	1.70	3.50
V5	Gasoline Tank	Gasoline	13.11	0.35
V6	Diesel Tank	Diesel	<0.01	<0.01
V7	Isopropanol Tank	VOC	2.50	0.11
V8 through V11	HP Melamine Resin Tank	VOC	1.64	1.72
V12 through V13	LP Melamine Resin Tank	VOC	0.84	0.24

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY (4)
PWW1	Phenolic Wash Water Tank No. 1	VOC	1.18	5.16
PWW2	Phenolic Wash Water Tank No. 2	VOC	1.18	5.16
MWW1	Melamine Wash Water Tank No. 1	VOC	0.97	0.18
MWW2	Melamine Wash Water Tank No. 2	VOC	0.97	0.18
PPUMPFUG	Phenolic Pump and Piping (Fugitive Emissions)	VOC	0.05	0.19
MPUMPFUG	Melamine Pump and Piping (Fugitive Emissions)	VOC	<0.01	0.13

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide

(4) Rate is for a rolling 12 consecutive months.

Dated _____