EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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	TPY
E1	Sander Dust Silo (Baghouse)	PM	0.25	1.1
		VOC	0.01	0.02
E2	Sander Dust (Baghouse)	PM	1.3	5.7
		VOC	0.04	0.14
E3	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.03	0.11
E4	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.03	0.11
E5	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.03	0.11
E5A	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.03	0.11
E5B	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.03	0.11
E6	Sander Dust Boiler	PM	0.03	0.1
		CO	0.26	1.11
		NO_x	0.3	1.314
		SO_2	0.01	0.01
		VOC	0.02	0.08
E7	Direct-Fired Boiler	PM	0.36	1.52
		CO	3.7	16.39
		NO_x	4.4	19.83
		SO_2	2.56	0.44
		VOC	0.24	1.07

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
E8	Fume Oxidizer/Waste Heat Boiler	PM	0.36	0.54
		CO	12.0	52.68
		NO_x	3.6	6.89
		SO_2	2.56	0.36
		VOC	0.39	1.74
E9	Fume Oxidizer/Waste Heat Boiler	PM	0.36	0.54
		CO	12.0	52.68
		NO_x	3.6	6.89
		SO_2	2.56	0.36
		VOC	0.39	1.74
E10	Fume Oxidizer/Waste Heat Boiler	PM	0.36	0.54
		CO	1.23	5.522
		NO_x	3.6	6.89
		SO_2	2.56	0.36
		VOC	0.39	1.74
E11	Hurst Sander Boiler	PM	0.78	3.42
		CO	0.94	4.1
		NO_x	5.6	24.53
		SO_2	0.47	2.06
		VOC	0.78	3.42
E21	Press I (Hood)	VOC	0.24	1.04
E22	Press II (Hood)	VOC	0.24	1.04
E23	Press III (Hood)	VOC	0.24	1.04
E24	Press IV (Hood)	VOC	0.24	1.04
E25	Press V (Hood)	VOC	0.24	1.04
E26	Press VI (Hood)	VOC	0.24	1.04

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
E31	Phenolic Checkstand (Vent)	VOC	0.31	1.35
E32	Phenolic Mix Room (Vent)	VOC	0.15	0.65
E33	Melamine Treater Wet End (3 Stacks)	VOC	0.04	0.18
E34	Melamine Treater Dryer No. 1	VOC	0.23	1.01
E35	Melamine Treater Dryer No. 3	VOC	0.23	1.01
E36	Melamine Treater Dryer No. 2	VOC	0.23	1.01
E51.01	Press Area (General) Exhaust Roof Vents	VOC	0.02	0.06
E51.02	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.03	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.04	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.05	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.06	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
E51.07	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.08	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.09	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.10	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.11	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E51.12	Press Area (General Exhaust Roof Vents)	VOC	0.02	0.06
E52.01	Phenolic Area (General Exhaust Roof Vents)	VOC	5.54	24.27
E52.02	Phenolic Area (General Exhaust Roof Vents)	VOC	12.77	55.94
E52.03	Phenolic Area (General Exhaust Roof Vents)	VOC	4.95	21.65
E52.04	Phenolic Area (General Exhaust Roof Vents)	VOC	4.36	19.03
E52.05	Phenolic Area (General Exhaust Roof Vents)	VOC	3.79	16.6
E52.06	Phenolic Area (General Exhaust Roof Vents)	VOC	6.52	28.56

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
E53	Melamine Area (General Exhaust Vents)	VOC	0.08	0.08
E54	Waste Water Filter Area (Wall Vent)	VOC	0.89	3.89
E55	Core-Stock Lint Filter (Vent)	VOC	0.36	1.55
V1 through V4	Phenolic Resin Tanks	VOC	0.26	1.15
V5	Gasoline Tank	Gasoline	0.02	0.1
V6	Diesel Tank	Diesel	<0.01	<0.01
V7	Isopropanol Tank	VOC	0.02	0.08
E90	Plantwide Evaporative Losses	Lactic Acid	0.7	3.07
PPUMPFUG	Phenolic Pump and Piping (Fugitive Emissions)	VOC	0.06	0.66
MPUMPFUG	Melamine Pump and Piping (Fugitive Emissions)	VOC	0.01	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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 is emitted.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO_2 - sulfur dioxide

CO - carbon monoxide

Dated March 26, 2001