

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)	<u>Emission Rates</u>	
			lb/hr	TPY (4)
E1	Sander Dust Silo (Baghouse)	PM	0.25	1.10
		VOC	<0.01	0.02
E2	Sander Dust (Baghouse)	PM	1.30	5.70
		VOC	0.05	0.20
E3	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.04	0.16
E4	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.04	0.16
E5	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.04	0.16
E5A	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.04	0.16
E5B	Sander Dust (Baghouse)	PM	1.03	4.51
		VOC	0.04	0.16
E6	Sander Dust Boiler	PM	0.03	0.10
		CO	0.26	1.11
		NO _x	0.30	1.32
		SO ₂	<0.01	0.01
		VOC	0.02	0.08
E7	Direct-Fired Boiler	PM	0.70	1.52
		CO	4.60	16.39
		NO _x	8.00	19.83
		SO ₂	2.59	0.44
		VOC	0.28	1.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
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	0.39	1.74
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	0.65	2.94
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	0.65	2.94
E11	Hurst Sander Boiler/ Electrostatic Precipitator	PM	7.10	31.10
		CO	8.60	37.67
		NO _x	5.62	24.62
		SO ₂	0.47	2.06
		VOC	0.78	3.42
E21-E26	Press I -VI (Hood)	VOC	1.44	6.24
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-E36	Melamine Treater Dryer No. 1-3	VOC	0.69	3.03
E51.01-E51.12	Press Area (General)	VOC	0.24	0.72

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			lb/hr	TPY (4)
	Exhaust Roof Vents			
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
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	0.10
V6	Diesel Tank	Diesel	<0.01	<0.01
V7	Isopropanol Tank	VOC	0.02	0.08

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			lb/hr	TPY (4)
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

- (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 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 is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Rate is for a rolling 12 consecutive months.

Dated _____