

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 31266

This table lists the maximum allowable emission rates for the sources of emissions authorized by this permit. The annual emission rates (TPY) are for a rolling 12-consecutive-month period.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
23100	Boiler No. 1 (Natural Gas)	SO ₂	0.02	0.07
		NO _x	1.55	5.81
		CO	2.60	9.75
		VOC	0.17	0.64
		PM	0.24	0.89
	Boiler No. 1 (Fuel Oil)	SO ₂	2.39	0.40
		NO _x	3.36	0.56
		CO	0.84	0.14
		VOC	0.03	0.01
		PM	0.34	0.06
23200	Boiler No. 2 (Natural Gas)	SO ₂	0.02	0.07
		NO _x	1.55	5.81
		CO	2.60	9.75
		VOC	0.17	0.64
		PM	0.24	0.89
	Boiler No. 2 (Fuel Oil)	SO ₂	2.39	0.40
		NO _x	3.36	0.56
		CO	0.84	0.14
		VOC	0.03	0.01
		PM	0.34	0.06
23600	Sander Dust Boiler (Natural Gas)	SO ₂	0.02	0.05
		NO _x	8.50	31.83
		CO	8.00	29.96
		VOC _(comb)	0.12	0.43
		PM	4.90	18.35
		VOC _(process)	0.04	0.19

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
	Sander Dust Boiler (Fuel Oil)	SO ₂	1.62	0.28
		NO _x	2.28	0.39
		CO	0.57	0.10
		VOC	0.03	0.01
		PM	0.23	0.04
23601	Dust Silo-Roots Blower	PM	0.15	0.55
23700	Fume Incinerator Waste	SO ₂	0.02	0.05
	Heat Boiler (Natural Gas)	NO _x	2.88	10.79
		CO	10.00	37.44
		VOC	0.12	0.43
		PM	0.16	0.59
	Fume Incinerator Waste	SO ₂	2.56	0.43
	Heat Boiler (Fuel Oil)	NO _x	3.60	0.61
		CO	0.90	0.16
		VOC	0.04	<0.01
		PM	0.36	0.06
	Manufacturing Facilities	VOC	8.75	7.88
		Acetone	1.32	1.19
AC-1	Acetone Tank	Acetone	0.02	0.06
G-6	Gasoline Tank UST	Gasoline	0.03	0.12
D-9	Diesel Tank UST	Diesel	0.01	0.01
D-10	Diesel Tank AST	Diesel	0.01	0.01
M-3, M-4	Two Melamine Tanks	VOC	<0.01	0.01
Stack 1A	Melamine Treater Nos. 3	VOC	1.44	5.24
03001	Melamine General	VOC	0.06	0.19

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
	Exhaust			
08100	Dust Collector	PM	1.70	6.19
		VOC	<0.01	<0.01
08300	Dust Collector	PM	1.70	6.19
		VOC	<0.01	<0.01
07201	Press No. 2	VOC	0.42	1.52
07301	Press No. 3	VOC	0.42	1.52
07401	Press No. 4	VOC	0.42	1.52
07501	Press No. 5	VOC	0.42	1.52
07601	Press No. 6	VOC	0.09	0.37
07602	Press No. 6	VOC	0.09	0.37
07603	Press No. 6	VOC	0.09	0.37
07604	Press No. 6	VOC	0.09	0.37
07605	Press No. 6	VOC	0.09	0.37
07701	Press No. 7	VOC	0.42	1.52
MPUMPFUG	Melamine Pump Area Fugitives	VOC	<0.01	<0.01
SITEWIDE		Individual HAP		<10.00
		Total HAPs		<25.00

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- (1) Emission point identification - emission point number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
 - CO - carbon monoxide
 - HAP - hazardous air pollutants

Dated May 28, 2004