EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 31266

This table lists the maximum allowable emission rates. The total emissions of air contaminants from any of the sources covered by this permit shall not exceed the values stated. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these sources.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
23100	Boiler No. 1 (Natural Gas)	SO_2	0.02	0.081
		NO_x	2.51	11.0
		CO	1.89	8.29
		VOC	0.09	0.38
		PM	0.42	1.86
	Boiler No. 1 (Fuel Oil)	SO_2	7.16	1.2
		NO_x	3.36	0.56
		CO	0.84	0.14
		VOC	3.36	0.56
		PM	0.34	0.06
23200	Boiler No. 2 (Natural Gas)	SO_2	0.02	0.081
		NO_x	2.51	11.0
		CO	1.89	8.29
		VOC	0.09	0.38
		PM	0.42	1.86
	Boiler No. 2 (Fuel Oil)	SO_2	7.16	1.2
		NO_x	3.36	0.56
		CO	0.84	0.14
		VOC	3.36	0.56
		PM	0.34	0.06
23600	Sander Dust Boiler (Natural Gas)	SO_2	0.012	0.053
		NO_x	8.5	12.65
		CO	8.0	35.04
		VOC	0.39	1.691
		PM	4.9	21.462
	Sander Dust Boiler	SO_2	4.86	0.82

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	(Fuel Oil)	NO_x	2.28	0.39
		CO	0.57	0.1
		VOC	2.61	0.44
		PM	0.228	0.04
23601	Dust Silo-Roots Blower	PM	0.15	0.66
23700	Fume Incinerator Waste Heat Boiler (Natural Gas)	SO_2	0.012	0.053
		NO_x	12.62	2.88
		CO	10.00	43.8
		VOC	0.87	3.8
		PM	0.282	1.24
	Fume Incinerator Waste Heat Boiler (Fuel Oil)	SO_2	7.7	1.3
		NO_x	3.6	0.6
		CO	0.9	0.15
		VOC	4.41	0.75
		PM	0.36	0.06
23800	Dust Incinerator No. 2 (Natural Gas)	SO_2	0.012	0.01
		NO_x	8.5	6.23
		CO	10.00	7.32
		VOC	0.39	0.29
		PM	4.9	3.59
	Dust Incinerator No. 2 (Fuel Oil)	SO_2	4.7	0.57
		NO_x	2.2	0.27
		CO	0.55	0.07
		VOC	0.26	0.09
		PM	0.22	0.31
D-1	Diesel Tank	Diesel	0.01	0.02
AC-1	Acetone Tank	Acetone	0.02	0.06
P-9	Phenolic Resin Tank P-9 UST	VOC	0.95	0.06

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
P-10	Phenolic Resin Tank P-9 UST	VOC	0.25	1.14
AL-2	Isopropyl Alcohol Tank UST	VOC	0.01	0.09
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-1, M-2, M-3, M-4	Four Melamine Tanks (4)	VOC	0.02	0.08
Stack 1A	Melamine Treater Nos. 3 and 4	VOC	3.69	16.16
03001	Melamine General Exhaust	VOC	0.06	0.23
08100	Dust Collector	PM	1.7	7.45
		VOC	0.04	0.13
08200	Dust Collector	PM	1.7	7.45
		VOC	0.04	0.13
08300	Dust Collector	PM	1.7	7.45
		VOC	0.04	0.13
07201	Press No. 2	VOC	0.42	1.83
07301	Press No. 3	VOC	0.42	1.83

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
07401	Press No. 4	VOC	0.42	1.83
07501	Press No. 5	VOC	0.42	1.83
07601	Press No. 6	VOC	0.42	1.83
07602	Press No. 6	VOC	0.42	1.83
07603	Press No. 6	VOC	0.42	1.83
07604	Press No. 6	VOC	0.42	1.83
07605	Press No. 6	VOC	0.42	1.83
07701	Press No. 7	VOC	0.42	1.83
06002	Custom Lam1	VOC	0.29	1.27
06003	Custom Lam2	VOC	0.13	0.57
PPUMPFUG	Phenolic Pump Room (Fugitives)	VOC	0.06	0.26
MPUMPFUG	Melamine Pump Area Fugitives	VOC	0.002	0.01

(1) Emission point identification - emission point number from plot plan.
(2) Specific point source name. For fugitive sources use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY

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.
CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

Dated _____