

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17994

This table lists the maximum allowable emission rates of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Facility Name	Air Contaminant	Emission Rates	
			Name (7)	lb/hr TPY
(9)				
EPN 1	Baghouse Shredder (2)	PM	0.08	0.35
EPN 2	Baghouse Mutilator (3)	PM	0.15	0.43
EPN 3	Baghouse Roller Feed Mixing (3)	PM	0.04	0.13
EPN 4	Vault Exhauster (4)	VOC	0.53	1.84
EPN 5	Roller Refinishing (3)	HCl	<0.01	<0.01
EPN 6	Nickel Plating (2)	Nickel Sulfate	<0.01	<0.01
EPN 7	Chrome Plating (2)	Chromic Acid	<0.01	<0.01
EPN 8A	Waste Treatment (2)	VOC	2.56	8.89 (8)
EPN 8B	Sulfuric Acid Tanks	Sulfuric Acid Mist	<0.01	<0.01
EPN 9 A	Boiler No. 1 33.75 MMBtu/hr (5)	NO _x	0.67	2.92
		CO	0.14	0.62
		PM	0.01	0.06
		VOC	0.18	0.79
		SO ₂	0.09	0.41
EPN 9 B	Boiler No. 2 33.75 MMBtu/hr (5)	NO _x	0.67	2.92
		CO	0.14	0.62
		PM	0.01	0.06
		VOC	0.18	0.79
		SO ₂	0.09	0.41
EPN 9 C	Boiler No. 3	NO _x	1.26	3.95

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Emission Point No. (1) (8)	Source Name	Air Contaminant	Emission Rates	
			Name (7)	lb/hr TPY
	8.75 MMBtu/hr (5)	CO	0.31	0.84
		PM	0.13	0.21
		VOC	0.05	0.21
		SO ₂	2.68	1.01
EPN 12	Production Support (4) Building Fugitives	VOC	5.14	17.87
EPN 13	Printing Presses Vented Through a 16.0 MMBtu/hr Natural Gas-Fired Thermal Oxidizer (4)	VOC	1.63	7.58
		NO _x	2.40	10.28
		CO	0.04	0.18
		PM	0.15	0.64
		SO ₂	0.07	0.32
EPN 14A	I R & M Mill General Exhaust	VOC	0.23	0.23
EPN 14B	I R & M Mill General Exhaust	VOC	0.23	0.23
EPN 14C	I R & M Mill Weigh Station Scrubbers	VOC	1.10	1.12
		PM	0.24	0.25
EPN 14D	I R & M Mill Tub Washer Exhaust	VOC	0.06	0.06
		KOH	0.04	0.04
EPN 14E	I R & M Mill Tub Washer Evaporator	VOC	0.01	0.01
		KOH	<0.01	<0.01
EPN 15	3 Offset Lithographic Presses (6)	VOC	2.64	7.71
Site-Wide	All Sources	Individual HAP		<10.00
		Combined HAPs		<25.00

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- (1) Emission point identification.
- (2) These facilities are limited to 8,568 hours/year of operation.
- (3) These facilities are limited to 5,712 hours/year of operation.
- (4) These facilities are limited to 6,960 hours/year of operation.
- (5) Boiler Nos. 1, 2, and 3 are operated on natural gas, 8,760 hours per year per boiler; or on natural gas 8,040 hours and No. 2 fuel oil 720 hours per year per boiler.
- (6) These facilities are limited to 5,850 hours/year of operation.
- (7) 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 in emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
KOH - potassium chloride
HAP - hazardous air pollutant
- (8) These emissions are based on a maximum VOC throughput of 2,556 pounds per hour and a maximum intaglio press operating schedule of 6,960 hours per year.
- (9) Rate is for a rolling 12 consecutive months

Dated October 3, 2003