Emission Sources - Maximum Allowable Emission Rates

Permit Number 17994

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. 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 facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (10)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (9)
EPN 1	Baghouse Shredder (2)	$PM/PM_{10}/PM_{2.5}$	0.11	0.51
EPN 2	Baghouse Mutilator (3)	PM	0.20	0.58
EPN 3	Baghouse Roller Feed Mixing (3)	PM	0.06	0.17
EPN 4	Vault Exhaust (4)	VOC	0.71	2.49
EPN 5	Roller Refinishing (3)	HCl	<0.01	<0.01
EPN 5A	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	2.43	8.45 (8)
EPN 8B	Sulfuric Acid Tanks	Sulfuric Acid	<0.01	<0.01
EPN 9A	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 9B	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

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EPN 9C	Boiler No. 3 8.75 MMBtu/hr (5)	NO_X	1.26	3.95
		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	4.88	16.98
EPN 14A	IR and M Mill General Exhaust	VOC	0.23	0.23
EPN 14B	IR and M Mill General Exhaust	VOC	0.23	0.23
EPN14C	IR and M Mill Weigh Station Scrubbers	VOC	1.10	1.12
		PM	0.24	0.25
EPN 14D	IR and M Mill Tub Washer Exhaust	VOC	0.06	0.06
		KOH	0.04	0.04
EPN 14E	IR and 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
EPN 16	10 I-10 Intaglio Printing Presses and 4 Super Orlof Intaglio Printing Presses vented through a natural gas-fired Regenerative Thermal Oxidizer (4)	VOC	0.43	1.52
		NO_X	<0.01	0.04
		CO	0.08	0.34
		PM	0.20	0.70
		SO_2	<0.01	0.04
Site-Wide	All Sources	Individual HAP		<10.00
		Combined HAPs		<25.00

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) These facilities are limited to 8,568 hours/year of operation.

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(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}, and $PM_{2.55}$
PM_{10} - particulate matter equal to or less than 10 microns in diameter
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
KOH - potassium hydroxide
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
(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.
(10) Specific point source names. For fugitive sources, use an area name or fugitive source name.

Date: _____