

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20071

This table lists the maximum allowable emission rates for the sources of emissions authorized by this permit. The annual emission rates 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
SC-A, SC-C, SC-D	Wet Scrubbers	Inorganic Acids	0.82	1.79
		Inorganic Bases	0.75	1.65
		VOC	0.37	0.80
		Chlorine	<0.1	<0.1
		Bromine	<0.1	<0.1
		NO ₂	0.15	0.33
		SO ₂	0.01	0.01
		HNO ₂	0.15	0.33
		SiO ₂	<0.1	<0.1
EF-1, EF-6, EF-7, EF-8, EF-10, EF-11, EF-12, EF-13, EF-20, EF-23	Solvent Exhausts	VOC	13.33	29.20
		VOC-exempt	2.94	6.43
		Chlorine Hydroxide	<0.1	<0.1
FEW	Waste Area (Fugitives)	VOC	0.31	0.06
		VOC-exempt	0.09	0.02
EF-2, EF-3, EF-4, EF-18, EF-19	Exhaust Vents	HC	<0.1	<0.1
SC-B	Emergency Acid Storage Scrubber	Mixed Acids	<0.1	<0.1
	Site-Wide HAPS	Single HAP		<10.00
		Multiple HAPS		<25.00

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- (1) Emission point identification
- (2) Specific point source name
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code §101.1(108)
 - Acids - acid solutions including: acetic, sulfuric, nitric, hydrochloric, and hydrofluoric.
 - HC - hydrocarbons (VOC and acetone)
 - HAP - hazardous air pollutant as identified in Title 40 Code of Federal Regulations Part 63, Subpart C
 - HAPs - hazardous air pollutants
 - VOC-exempt - solvents are defined in Title 30 Texas Administrative Code §101.1(28)
 - NO₂ - nitrogen dioxide
 - SO₂ - sulfur dioxide
 - HNO₂ - nitrous acid
 - SiO₂ - silicon dioxide

Dated_____