

Emission Sources - Maximum Allowable Emission Rates

Permit Number 35266

This table lists the maximum allowable emission rates and all sources of air contaminants covered by this permit. 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. Any proposed increase in emission rates may require an application for a modification of the sources covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (FIN)	Air Contaminant Name (2)	<u>Emission Rates</u>	
			lb/hr	TPY (3)
RTO1	Three Tube Prep Units (4, 10, & 11) vented through a 1.5 MMBtu/hr Regenerative Thermal Oxidizer (RTO1)	VOC	0.40	1.01
		HCl (4)	3.37	4.04
		NO _x (4)	0.70	2.14
		CO (4)	1.14	4.79
		VOC (4)	0.01	0.03
		PM ₁₀ /PM _{2.5} (4)	0.03	0.06
		SO ₂ (4)	<0.01	<0.01
RTO2	Two Tube Prep Units (12, & 13) vented through a 1.5 MMBtu/hr Regenerative Thermal Oxidizer (RTO2)	VOC	0.40	1.01
		HCl (4)	3.37	4.04
		NO _x (4)	0.71	2.14
		CO (4)	1.14	4.79
		VOC (4)	0.01	0.03
		PM ₁₀ /PM _{2.5} (4)	0.03	0.06
		SO ₂ (4)	<0.01	<0.01
7	Heat Induction Cleaner Unit (7) vented through Mist Collectors	PM	<0.01	<0.01
8	Vapor Degreaser (8)	Trichloroethylene (5)	3.13	9.40
CR-1	Three Chrome Plating Tanks (CR-1a, CR-1b, & CR-1c)	Chromium (Total)	0.0008	0.0035
		PM ₁₀	0.001	0.004
CR-2	Three Chrome Plating Tanks (CR-2)	Chromium (Total)	0.0008	0.0035
		PM ₁₀	0.001	0.004
		Chromium (Total)	<0.0001	0.00013

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ST-1	Strip Tank (ST-1)	PM ₁₀	<0.0001	0.00028
All (Site-Wide)	All (Site-wide)	Single HAP		<10.00
		All HAPS		<25.00

- (1) Emission point identification number as shown on the plot plan
- (2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM₁₀ - particulate matter, suspended in the atmosphere, equal to or less than 10 microns in diameter
- PM_{2.5} - particulate matter, suspended in the atmosphere, equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- HC1 - hydrogen chloride
- HAP(s) - any air contaminant(s) (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (3) Rate is for a rolling 12 consecutive months.
- (4) Combustion emission
- (5) Fugitive emission

Dated December 15, 2011