

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 52466

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. 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 (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY(4)
OX-1, OX-2, and OX-3	1 Catalytic Oxidizer, and 2 Regenerative Thermal Oxidizers	VOC	(5)	46.30
OX-1	Catalytic Oxidizer	VOC	3.39	(6)
		SO ₂	< 0.01	0.01
		NO _x	0.57	2.50
		CO	0.48	2.10
		PM	0.04	0.19
		VOC (combustion)	0.03	0.14
OX-2	Regenerative Thermal Oxidizer	VOC	6.78	(6)
		SO ₂	0.01	0.03
		NO _x	1.14	5.00
		CO	0.96	4.20
		PM	0.09	0.38
		VOC (combustion)	0.06	0.27
OX-3	Regenerative Thermal Oxidizer	VOC	10.16	(6)
		SO ₂	0.01	0.04
		NO _x	1.71	7.49
		CO	1.44	6.29
		PM	0.13	0.57
		VOC (combustion)	0.09	0.41
FUG	Cleaning and Ink Room Fugitive	VOC	0.54	1.23
ALL	Sitewide Emissions	Any Single HAP		< 10.00
		Total HAPs		< 24.60

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - 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
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations (40 CFR) Part 63, Subpart C
- (4) Compliance with annual emission limits is based on a rolling 12-month period.
- (5) The hourly emission rate is represented under each oxidizer.
- (6) The annual emissions are represented under a single cap.

Dated: November 15, 2010