

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 9131

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 (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (5)
I-04	Oxidizer I-04	VOC	3.71	13.86
		VOC (4)	0.04	0.17
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.34	1.30
		NO <sub>x</sub>	4.09	15.74
		SO <sub>2</sub>	0.02	0.07
		CO	2.75	10.65
I-05	Oxidizer I-05	VOC	7.93	29.67
		VOC (4)	0.03	0.14
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.68	2.56
		NO <sub>x</sub>	8.12	30.76
		SO <sub>2</sub>	0.03	0.13
		CO	5.36	20.39
F-1, F-2, F-3, and F-4	Building Exhaust Fans F-1, F-2, F-3, and F-4	VOC	2.05	8.37
F-5 and F-6	Building Exhaust Fans F-5 and F-6	VOC	1.55	6.37
F-7 and F-8	Building Exhaust Fans F-7 and F-8	VOC	5.21	20.96
F-9 and F-10	Building Exhaust Fans F-9 and F-10	VOC	3.57	14.47
SITE-WIDE	All Sources at Site	Individual HAP		<10.00
		Combined HAP		<25.00

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC	- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO <sub>x</sub>	- total oxides of nitrogen
SO <sub>2</sub>	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM <sub>10</sub> and PM <sub>2.5</sub> , as represented
PM <sub>10</sub>	- total particulate matter equal to or less than 10 microns in diameter, including PM <sub>2.5</sub> , as represented
PM <sub>2.5</sub>	- particulate matter equal to or less than 2.5 microns in diameter
CO	- carbon monoxide
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
- (4) Emissions from the incomplete combustion of natural gas and from ink oil combustion in the thermal oxidizer.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) VOC emissions from Emission Points F-1 through F-10 include fugitive emission from Maintenance, Startup, and Shutdown Activities from the use of manual and automatic blanket wash.
- (7) VOC emissions from Emission Points I-04 and I-05 include captured emissions from Maintenance, Startup, and Shutdown Activities from the use of automatic blanket wash.
- (8) Emissions of criteria pollutants NO<sub>x</sub>, CO, PM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and VOC from Planned Maintenance, Startup, and Shutdown Activities are included in Emission Points I-04 and I-05.

Date: April 30, 2013