

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 37979 and N009

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**
AA-FUG	AA Fugitives (4)	Total VOC (5)	3.85	16.82
		Propylene	0.16	0.69
		Total HAPs	1.79	7.85
		CO	0.01	0.01
THOX-Y1170	AA Thermal Oxidizer	Total VOC (5)	7.80	30.80
		Propylene	0.45	1.96
		Total HAPs	1.62	6.19
		NO _x	13.51	43.93
		SO ₂	2.20	9.64
		CO	15.87	50.24
		PM/PM ₁₀	14.17	52.12
AA-MATL	Material Handling	PM/PM ₁₀	0.78	0.06
AA-MNTC	Maintenance Activities	Total VOC	0.08	0.01
		NO _x	0.04	0.01
		CO	0.04	0.01
		Acrylic Acid	0.08	0.01

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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) Total VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - CO - carbon monoxide
 - Total HAPs - hazardous air pollutants
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) The Total VOC emissions include Propylene and Total HAPs.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:
- 24 Hrs/day 7 Days/week 52 Weeks/year
- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated October 13, 2009