

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2036

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)	Emission Rates *	
			lb/hr	TPY**
C-C-1A	F-150A Furnace	PM ₁₀	0.57	0.46
		NO _x	1.64	5.00
		CO	0.94	4.02
		SO ₂	0.01	0.03
		VOC	0.06	0.26
		Cl ₂	12.50	0.30
C-C-1B	F-150B Furnace	PM ₁₀	0.57	0.46
		NO _x	1.64	5.00
		CO	0.94	4.02
		SO ₂	0.01	0.03
		VOC	0.06	0.26
		Cl ₂	12.50	0.30
C-D-4	D-153C Scrubber	PM	2.28	1.26
		VOC	<0.01	<0.01
C-E-6A	Oversize AP Drum (4)(a)	Al	<0.01	<0.01
C-E-6B	Oversize AP Drum (4)(a)	Al	<0.01	<0.01
C-E-7A	"A" AP Blower (b)	Al	4.01	13.37
C-E-7B	"B" AP Blower (b)	Al	4.01	13.37
C-F-2	AP Storage (4)	Al	<0.01	<0.01

(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.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (unspeciated)

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 particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

Cl₂ - chlorine

Al - aluminum

- (4) Fugitive emissions are an estimate only.

(a) Emission rates based on estimates as drums are changed once in two months. When the drum lids are lifted for about five minutes at the time the drums are being changed, it is estimated that higher emissions will be released.

(b) Emission rates based on vendor information and 8,000 hours per year of operation for each blower.

- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

8,760 Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 4, 2003