

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20238

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 (Until February 28, 1996)

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
S-1 through S-4, S-6 through S-9, S-11 through S-14, 0.30 S-21, S-22, S-25, 19.50 S-26, S-38, S-40 through S-45, 1.00 S-49 through S-56	Work Station and Process Exhausts	VOC CFC PM TCE Other VOC/non-VOC (4)	115.65 30.20 1.30 46.55 .03 (4)	46.55 1.60 1.30 46.55 <.01 .50
S-32	Water Heaters B-2A and B-2B	VOC NO _x SO ₂ CO PM	<.01 .04 <.01 <.01 <.01	<.01 .18 <.01 <.04 <.01
S-33	Boiler 1-A	VOC NO _x SO ₂ CO PM ₁₀	<.02 .21 <.01 <.05 <.01	<.05 .92 <.01 .18 <.01
S-34	Boiler 1-B	VOC NO _x SO ₂	<.02 .21 <.01	<.05 .92 <.01

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		CO	<.05	.18
		PM ₁₀	<.01	<.01
S-37	Profile Router	PM ₁₀	<.01	<.01
D3 - D5 and DD1 - DD4	Door Fugitives (4)	VOC	41.95	13.20
		CFC	101.12	12.94
		PM ₁₀	.30	.10
		TCE	6.33	.15
		Other	.07	<.01

AIR CONTAMINANTS DATA
(After February 28, 1996)

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
S-1 through S-4, Work Station and S-6 through S-9, 0.30		VOC	115.65	46.55
S-11 through S-14, <.01		Process Exhausts	PM	1.30
S-21, S-22, S-25, 1.00		Other		.03
S-26, S-38, S-40 through S-45, S-49 through S-56		VOC/non-VOC (4)		.50
S-32	Water Heaters B-2A and B-2B	VOC	<.01	<.01
		NO _x	.04	.18
		SO ₂	<.01	<.01
		CO	<.01	<.04
		PM	<.01	<.01
S-33	Boiler 1-A	VOC	<.02	<.05
		NO _x	.21	.92
		SO ₂	<.01	<.01
		CO	<.05	.18
		PM ₁₀	<.01	<.01
S-34	Boiler 1-B	VOC	<.02	<.05

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		NO _x	.21	.92
		SO ₂	<.01	<.01
		CO	<.05	.18
		PM ₁₀	<.01	<.01
S-37	Profile Router	PM ₁₀	<.01	<.01
D3 - D5 and DD1 - DD4	Door Fugitives (4)	VOC	41.95	13.20
		PM ₁₀	.30	.10
		Other	.07	<.01

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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) VOC - volatile organic compounds as defined in TNRCC General Rule 101.1
- CFC - fluorocarbons
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - particulate matter
 - PM₁₀ - particulate matter less than 10 microns in diameter
 - CO - carbon monoxide
 - TCE - 1,1,1 Trichloroethane
 - Other:
 - NH₃ - Anhydrous Ammonia
 - H₂CrO₄ - Chromic Acid
 - HCl Acid - Hydrochloric Acid
 - H₂O₂ - Hydrogen Peroxide
 - H₂S - Hydrogen Sulfide
 - MeCl₂ - Methyl Chloride
- (4) VOC/non-VOC - alternate chemical with an ESL, as established in the TNRCC ESL list dated August 1, 1991, of not less than 160 µg/m³ on a 30-minute basis and not less than 16 µg/m³ on an annual basis.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____