

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

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-10A, S-11 through S-14, S-21, S-22, S-25, S-26, S-38, S-40 through S-45, S-49 through S-56, S-58, S-59, and S-60	Work Station and B-2A and B-2B	VOC Process Exhausts Other VOC/non-VOC (4)	115.65 PM 0 (4)	46.55 1.30 .03 .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	<.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

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
D3 - D5 and DD1 - DD4	Door Fugitives (4)	VOC	41.95	13.20
		PM ₁₀	.30	.10
		Other	.07	<.01

(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 Texas Natural Resource Conservation Commission (TNRCC) General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter

PM₁₀ - particulate matter less than 10 microns in diameter

CO - carbon monoxide

Other:

NH₃ - anhydrous ammonia

H₂CrO₄ - chromic acid

HCl - hydrochloric acid

H₂O₂ - hydrogen peroxide

H₂S - hydrogen sulfide

MeCl₂ - methyl chloride

(4) VOC/non-VOC - alternate chemical with an effects screening

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level (ESL), as established in the TNRCC ESL list dated August 1, 1991, of not less than $160 \mu\text{g}/\text{m}^3$ on a 30-minute basis and not less than $16 \mu\text{g}/\text{m}^3$ 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_____