

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20238

This table lists the maximum allowable emission rates for all sources 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 0.30 <.01 1.00	VOC Process Exhausts Other VOC/non-VOC (4) Acetone	115.65 PM 0.30 Other 0.03 VOC/non-VOC (4) 4.50	44.25 1.30 0.03 0.50 3.50
S-32	Water Heaters B-2A and B-2B	VOC NO _x SO ₂ CO PM	<0.01 0.04 <0.01 <0.01 <0.01	<0.01 0.18 <0.01 <0.04 <0.01
S-33	Boiler 1-A	VOC NO _x SO ₂ CO PM ₁₀	<0.02 0.21 <0.01 <0.05 <0.01	<0.01 0.92 <0.01 0.18 <0.01
S-34	Boiler 1-B	VOC NO _x SO ₂ CO PM ₁₀	<0.02 0.21 <0.01 <0.05 <0.01	<0.01 0.92 <0.01 0.18 <0.01
S-37	Profile Router	PM ₁₀	<0.01	<0.01

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D3 - D5 and DD1 - DD4	Door Fugitives (4)	VOC	1.00	2.22
		PM ₁₀	0.30	0.10
		Other	0.07	<0.01
All EPN's	Sitewide	Individual HAP		<10
		All HAPs		<25

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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 Texas Natural Resource Conservation Commission (TNRCC) General Rule 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 particulate matter greater than 10 microns is emitted.
- CO - carbon monoxide
- Other:**
- NH₃ - anhydrous ammonia
- H₂CrO₄ - chromic acid
- HCl - hydrochloric acid
- H₂O₂ - hydrogen peroxide
- H₂S - hydrogen sulfide
- MeCl₂ - methyl chloride
- HAP - hazardous air pollutant as defined in Title 40 Code of Federal Regulations Part 63.
- (4) VOC/non-VOC - alternate chemical with an effects screening level (ESL), as established in the TNRCC ESL list dated September 5, 1997, 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 _____