

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20419

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**
<u>Site 1</u>				
DC-1	Dust Collector	PM	0.43	1.88
DC-2A	Dust Collector	PM	0.55	2.40
DC-3	Dust Collector	PM	0.43	1.88
DC-5	Dust Collector	PM	0.10	0.43
DC-7	Dust Collector	PM	0.13	0.56
DC-9	Dust Collector	PM	0.29	1.26
DC-11	Dust Collector	PM	0.10	0.43
4-1 & 4-2	Lab Vents	Styrene/MMA	0.05	0.06 (4)
		Acetone	0.70	
B-1	Boiler	CO	0.49	2.15
		NO _x	0.59	2.58
		PM	0.04	0.18
		SO ₂	<0.01	0.02
		VOC (from combustion)	0.03	0.13
BLDG-7	Assembly/Fabrication	PM	0.15	0.46
5-1 through 5-7, TNK, 10-1, 11-1, 11-2, and 13-1 through 13-6	Dust Collector, Storage/Mixing/Day Tanks, Infrared Ovens, Pultrusion & Production Operations, Cleaning,	VOC	2.67	2.37 (4)
		Styrene	28.99	67.15 (4)
		MMA	27.67	64.20 (4)
		Formaldehyde	0.84	0.42 (4)
		Phenol	14.40	7.20 (4)

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Grating Assembly, and
Maintenance

Acetone

0.18

0.18

TOTAL VOC

70.00 (4)

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound. Acetone is an exempt solvent.

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 and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

MMA - methyl methacrylate

- (4) Total VOC (excluding VOC from combustion) is 70.00 tons per year.

- * 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 or 8760 Hrs/year

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