

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 55013

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
RTO	Regenerative Thermal Oxidizer	VOC	12.73	20.23
		PM	0.08	0.33
		PM <sub>10</sub>	0.08	0.33
		PM <sub>2.5</sub>	0.08	0.33
		NO <sub>x</sub>	1.30	5.77
		CO	10.81	47.30
		SO <sub>2</sub>	<0.01	0.03
FUG 1	Mold Bay Area Fugitives	VOC	0.07	<0.01
SECFUG	Secondary Shop Fugitives	VOC	1.06	3.08
FUG12	Filled Resin Room Fugitives	VOC	0.16	0.49
		PM	0.19	0.06
		PM <sub>10</sub>	0.09	0.03
		PM <sub>2.5</sub>	0.09	0.03
DC-1	Saw Table Dust Collector	PM	0.06	0.28
		PM <sub>10</sub>	0.06	0.28
		PM <sub>2.5</sub>	0.06	0.28
WP-DC1	WP-Winder Saw	PM	0.06	0.19
		PM <sub>10</sub>	0.02	0.08
		PM <sub>2.5</sub>	<0.01	0.03
FITSTK	Fitting Shop Stack	VOC	2.04	4.46
ACET-RTO	MSS Acetone RTO	Exempt Solvent	0.51	2.20
ACET-FUG	MSS Acetone FUG	Exempt Solvent	1.15	5.00
NCBLDG FUG	NC Pipe Resin Mix Tanks, NC Plant Pipe Equipment Leak Fugitives, and Sand Silo Dust Collector	VOC	0.48	0.45
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

		PM <sub>2.5</sub>	<0.01	<0.01
WP-BLDGFUG	WP Pipe Resin Mix Tanks, and WP Plant Pipe Equipment Leak Fugitives	VOC	0.04	0.16

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>,
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) The allowable emission rates include planned maintenance, start-up, and shutdown activities.

Date: June 23, 2023