

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 172595

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)
EU1	Weigh Hopper, Filling the Mold and Polymer Casting	Styrene	11.15	48.54
		VOC (not including styrene)	1.69	1.08
		Exempt Solvent	11.04	5.02
		PM	0.33	1.37
		PM <sub>10</sub>	0.09	0.39
		PM <sub>2.5</sub>	0.02	0.07
CONVEY1	Conveying to Mixer	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.03
		PM <sub>2.5</sub>	0.01	< 0.01
BIN1	Rock (Aggregate) Bin Filling	PM	0.04	0.04
		PM <sub>10</sub>	0.02	0.02
		PM <sub>2.5</sub>	< 0.01	< 0.01
BIN2	Sand Bin Filling	PM	0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
BIN3	Calcium Carbonate Bin Filling	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01

(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) 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

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

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: March 22, 2024