

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 43888

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)
Hopper	Trash Hopper	PM	0.25	0.81
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.12	0.41
E1	Cyclone C1	PM	1.51	5.00
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.76	2.50
E2	Cyclone C2	PM	1.38	4.55
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.69	2.27
E4	Cyclone C4	PM	1.69	6.14
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.84	3.07
E5	Cyclone C5	PM	1.69	5.57
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.84	2.79
E6	Cyclone C6	PM	1.54	5.07
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.77	2.53
E7	Cyclone C7	PM	1.69	5.57
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.84	2.79
E8	Cyclone C8	PM	1.54	5.59
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.77	2.79
E9	Cyclone C9	PM	0.15	0.49
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.07	0.24
Trailer	Byproduct Trailer	PM	0.60	1.98
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.30	0.99

## Emission Sources - Maximum Allowable Emission Rates

Burners	Burners	PM	0.10	0.33
		PM <sub>10</sub> /PM <sub>2.5</sub>	0.10	0.33
		VOC	0.07	0.24
		NO <sub>x</sub>	1.32	4.37
		CO	1.11	3.67
		SO <sub>2</sub>	0.01	0.03

- (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 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>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

\* Refer to Special Condition No. 5 for throughput limitations and basis of emission rates.

Date: \_\_\_\_\_