

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 167535

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 (6)	
			lbs/hour	TPY (4)
JAW	Jaw Crusher	PM	0.07	0.06
		PM10	0.04	0.03
		PM2.5	0.01	<0.01
HSI	HSI Crusher	PM	0.32	0.28
		PM10	0.14	0.13
		PM2.5	0.02	0.02
VSI	VSI Crusher	PM	0.16	0.08
		PM10	0.07	0.04
		PM2.5	0.01	<0.01
SCREEN1-D	Screen 1	PM	2.63	2.06
		PM10	0.91	0.72
		PM2.5	0.14	0.11
SCREEN2-D	Screen 2	PM	0.75	0.66
		PM10	0.26	0.23
		PM2.5	0.04	0.03
SCREEN3-D	Screen 3	PM	0.75	0.66
		PM10	0.26	0.23
		PM2.5	0.04	0.03
UNLOAD	Truck Unloading	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
LOAD	Truck Loading	PM	0.02	0.02
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

CB1-14	Drop Points	PM	0.97	0.87
		PM <sub>10</sub>	0.35	0.32
		PM <sub>2.5</sub>	0.06	0.05
SCREW1-W	Sand Screw 1	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
SCREW2-W	Sand Screw 2	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
WASHER1-W	Material Washer 1	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
WASHER2-W	Material Washer 2	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
WASHER3-W	Material Washer 3	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
WASHER4-W	Material Washer 4	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PS1-8, STK	Product stacks 1 thru 8 & 3-acre stockpile	PM	-	2.30
		PM <sub>10</sub>	-	1.15
		PM <sub>2.5</sub>	-	0.17
ENGINE	450 HP Diesel CI ICE	NOx	2.52	5.72
		CO	0.44	1.01
		VOC	1.29	2.94
		SO <sub>2</sub>	1.07	2.43
		PM	0.07	0.17

Emission Sources - Maximum Allowable Emission Rates

		PM <sub>10</sub>	0.07	0.17
		PM <sub>2.5</sub>	0.07	0.17
		HAPs	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) 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>, 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
  - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: May 11, 2022