

Emission Sources - Maximum Allowable Emission Rates

Permit Number 37802

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
1	Feeder/Hopper (4)	PM	0.06	0.06
		PM ₁₀	0.02	0.02
2	Waste Product Pile (4)	PM	--	0.04
		PM ₁₀	--	0.02
3	Jaw Crusher (4)	PM	0.08	0.08
		PM ₁₀	0.04	0.04
4	Transfer Conveyor (4) (5)	PM	0.06	0.06
		PM ₁₀	0.02	0.02
6	Transfer to Screen Hopper (4)	PM	0.06	0.06
		PM ₁₀	0.02	0.02
7	Screen (4)	PM	0.88	0.88
		PM ₁₀	0.30	0.30
8	Impact Crusher (4)	PM	0.48	0.48
		PM ₁₀	0.24	0.24
9, 10 and 11	Stockpiles (4) (Total)	PM	--	0.11
		PM ₁₀	--	0.05
13	Diesel Engine No. 1	CO	0.20	0.20
		NO _x	9.30	9.30
		PM ₁₀	0.66	0.66
		SO ₂	0.62	0.62
		VOC	0.72	0.72
14	Diesel Engine No. 2	CO	0.29	0.29
		NO _x	13.64	13.64
		PM ₁₀	0.97	0.97
		SO ₂	0.90	0.90
		VOC	1.06	1.06
15, 16 and 17	Screen to Conveyors	PM	0.17	0.17
		PM ₁₀	0.06	0.06

Emission Sources - Maximum Allowable Emission Rates

- (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) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Emission Point No. (EPN) 5 (Closed Circuit Conveyor) has been combined with EPN 4 (Conveyor Transfer).
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* 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 2,000 Hrs/year

Maximum Production: 400 tons/hour 800,000 tons/year

Date: February 21, 2013