

Emission Sources - Maximum Allowable Emission Rates

Permit Number 89118L001

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 (7) *	
			lbs/hour	TPY **
2	Crusher #1 (4)	PM	0.30	0.60
		PM ₁₀	0.14	0.27
8	Crusher #2 (4)	PM	0.01	0.02
		PM ₁₀	0.01	0.01
5	Screen #1 (4)	PM	0.55	1.10
		PM ₁₀	0.19	0.37
LDGFUG	Loading/Unloading (4)	PM	0.05	0.11
		PM ₁₀	0.03	0.06
MHFUG	Material Handling (4, 5)	PM	0.18	0.35
		PM ₁₀	0.06	0.12
SPFUG	Stockpiles (4)	PM	--	2.48
		PM ₁₀	--	1.24
11	110-hp Duetz Engine BF4M 2012C (6)	PM ₁₀	0.02	0.03
		NO _x	0.95	2.08
		SO ₂	0.23	0.49
		CO	0.14	0.30
		VOC	0.03	0.06
12	173-hp John Deere Engine 6068TF275 (6)	PM ₁₀	0.38	0.83
		NO _x	3.97	8.69
		SO ₂	0.35	0.78
		CO	0.43	0.94
		VOC	0.07	0.15
13	440-hp Caterpillar Engine C13 (6)	PM ₁₀	0.19	0.42
		NO _x	3.01	6.59
		SO ₂	0.90	1.98
		CO	2.43	5.32
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		VOC	0.08	0.18
14	350-hp Caterpillar Engine C9 (6)	PM ₁₀	0.09	0.20
		NO _x	2.37	5.19
		SO ₂	0.72	1.57
		CO	1.79	3.92
		VOC	0.18	0.39
15	1,000-gal Diesel Fuel Tank	VOC	<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
HRVOC - highly reactive volatile organic compounds as defined in 30 TAC § 115.10
IOC-U - inorganic compounds (unspeciated)
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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
PM_{2.5} - 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) Fugitive emissions are an estimate only.
(5) Includes Material Handling EPNs 1, 3, 4, 6, 7, 9, and 10.
(6) Engines are limited to 4,380 hours of operation in any rolling 12-month period.
(7) 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 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.
Crusher #1 250 Tons/hour 1,000,000 Tons/year
Crusher #2 50 Tons/hour 200,000 Tons/year
Total Facility 250 Tons/hour 1,000,000 Tons/year

Date: August 28, 2019