

Emission Sources - Maximum Allowable Emission Rates

Permit Number 141957

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)(6)	
			lbs/hour	TPY (4)
CR-1	Concrete Crusher (5)	PM	0.04	0.07
		PM ₁₀	0.02	0.03
		PM _{2.5}	<0.01	<0.01
CR SCR	Concrete Screener (5)	PM	0.44	1.20
		PM ₁₀	0.15	0.40
		PM _{2.5}	0.01	0.03
C-MH	Concrete Crusher Material Handling (5), (Loading Crusher Hopper, Screener Drop & Conveyor Transfer Points)	PM	0.06	0.08
		PM ₁₀	0.02	0.02
		PM _{2.5}	0.02	0.02
C-STK-ENG	Concrete Stacker Engine Stack	PM	0.04	0.06
		PM ₁₀	0.04	0.06
		PM _{2.5}	0.04	0.06
		NO _x	0.55	0.86
		VOC	0.13	0.20
		CO	0.18	0.28
		SO ₂	0.16	0.25
CC TL	Truck Loading No. 1 (5)	PM	0.03	0.04
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
MH-WPL	Wash Plant Loading	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
WP-STK-ENG	Wash Plant Stacker Engine	PM	0.04	0.06

Emission Sources - Maximum Allowable Emission Rates

	Stack			
		PM ₁₀	0.04	0.06
		PM _{2.5}	0.04	0.06
		NO _x	0.55	0.86
		VOC	0.13	0.20
		CO	0.18	0.28
		SO ₂	0.16	0.25
MH-TL3	Truck Loading No. 3 (5)	PM	0.07	0.11
		PM ₁₀	0.02	0.04
		PM _{2.5}	<0.01	0.01
TS-MH	Top Soil Screener Material Handling (5), (Loading and Drop Points)	PM	0.15	0.24
		PM ₁₀	0.06	0.09
		PM _{2.5}	0.03	0.03
TP SCR	Top Soil Screener (5)	PM	0.77	1.20
		PM ₁₀	0.26	0.40
		PM _{2.5}	0.02	0.03
TS-ENG	Top Soil Screener Engine Stack	PM	0.05	0.07
		PM ₁₀	0.05	0.07
		PM _{2.5}	0.05	0.07
		NO _x	0.99	1.54
		VOC	0.13	0.20
		CO	0.18	0.28
		SO ₂	0.16	0.25
MH-TL4	Truck Loading No. 4 (5)	PM	0.07	0.11
		PM ₁₀	0.02	0.04
		PM _{2.5}	<0.01	0.01
ST-1	Stockpiles (5)	PM	----	2.26
		PM ₁₀	----	1.13

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	----	0.17
CC ENG	Concrete Crusher Engine Stack	PM	0.0134	0.0208
		PM ₁₀	0.0134	0.0208
		PM _{2.5}	0.0134	0.0208
		NO _x	0.3977	0.6203
		CO	0.0018	0.0027
		VOC	0.19	0.29
		SO ₂	0.23	0.36
CS-ENG	Concrete Screener Engine Stack	PM	0.05	0.09
		PM ₁₀	0.05	0.09
		PM _{2.5}	0.05	0.09
		NO _x	0.3977	0.6203
		CO	0.0018	0.0027
		VOC	0.19	0.29
		SO ₂	0.23	0.36

- (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_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
- (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: January 16, 2024