

Emission Sources - Maximum Allowable Emission Rates

Permit Number 109789

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)
W1	Truck Washing (5)	VOC	0.01	0.01
TR1	Solid Waste Treatment (Staging Cells, Treatment Cells, and Disposal Cells) (5)	VOC	22.48	23.83
T-3	Gun Barrel Tank	VOC	36.57	0.65
T-4	Oil Tank	VOC	87.21	0.64
T-5	Oil/Leachate Tank	VOC	103.65	0.75
T-6	Leachate Tank	VOC	1.03	0.02
T-7	Water Tank 1	VOC	0.23	0.02
D1	Diesel Tank 1	VOC	0.01	0.01
D2	Diesel Tank 2	VOC	0.01	0.01
L1	Truck Loading (5)	VOC	17.43	0.26
EA1	Emulsified Asphalt Tank	VOC	???	????
EN1	Rock Crusher Engine	PM	0.07	0.06
		PM ₁₀	0.07	0.06
		PM _{2.5}	0.07	0.06
		NO _x	3.94	3.15
		CO	0.98	0.79
		SO ₂	0.01	0.01
		VOC	0.83	0.66

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A1	Road Base Aggregate Handling (5)	PM	4.04	0.84
		PM ₁₀	1.91	0.54
		PM _{2.5}	0.36	0.08
RC	Crusher (5)	PM	0.21	0.06
		PM ₁₀	0.11	0.03
		PM _{2.5}	0.05	0.01
SCRNS	Screens (5)	PM	1.02	0.31
		PM ₁₀	0.52	0.16
		PM _{2.5}	0.04	0.01
PD1	Pozzolan Silo Fabric Filter Vent	PM	0.02	0.01
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.02	0.01
PM1	Pugmill Mixer (5)	PM	0.14	0.04
		PM ₁₀	0.14	0.04
		PM _{2.5}	0.01	0.01
		VOC	0.69	1.47
SP	Stockpiles (5)	PM	-	0.44
		PM ₁₀	-	0.21
		PM _{2.5}	-	0.04
All	All Sources	Any HAP	-	<10.00
		All HAPS	-	<25.00

- (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_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

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- 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) 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 and will need separate authorization unless the activity can meet the conditions of 30 TAC 116.119.
- (7) HAPS are included in the VOC and the quantified values are shown in the permit application.

Date: _____

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