

Emission Sources - Maximum Allowable Emission Rates

Permit Number 155474

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	
			lbs/hour	TPY (4)
E-HOPPERF	Truck Unloading Hopper Fugitives (5)	PM	0.67	0.83
		PM ₁₀	0.13	0.16
		PM _{2.5}	0.01	0.02
E-BREAKF	Feeder-Breaker Fugitives (5)	PM	4.80	7.00
		PM ₁₀	0.91	1.33
		PM _{2.5}	0.10	0.14
E-UNLDCNVF	Unloading Conveyor Fugitives (5)	PM	0.86	1.25
		PM ₁₀	0.16	0.24
		PM _{2.5}	0.02	0.03
E-RDLCNVF	Radial Stacking Conveyor Fugitives (5)	PM	0.86	1.25
		PM ₁₀	0.16	0.24
		PM _{2.5}	0.02	0.03
E-RDLPILF	Radial Stackout Pile Fugitives (5) (6)	PM	5.23	7.64
		PM ₁₀	0.99	1.45
		PM _{2.5}	0.10	0.15
E-RCLMFDRF	Reclaim Feeders Fugitives (5)	PM	0.86	0.83
		PM ₁₀	0.16	0.16
		PM _{2.5}	0.02	0.02
E-SILOF	Loadout Silo Fugitives (5)	PM	0.43	0.42
		PM ₁₀	0.08	0.08
		PM _{2.5}	0.01	0.01
E-SILODCV	Loadout Silo Dust Control Vent	PM	0.51	2.25
		PM ₁₀	0.51	2.25
		PM _{2.5}	0.51	2.25

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E-LOADF	Railcar Loading Fugitives (5)	PM	0.43	0.42
		PM ₁₀	0.08	0.08
		PM _{2.5}	0.01	0.01
E-PSF	Primary Sampler Fugitives (5)	PM	0.01	0.03
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-PSBF	Primary Sample Belt Discharge Fugitives (5)	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-SCF	Sample Crusher Fugitives (5)	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-SSF	Secondary Sampler Fugitives (5)	PM	0.01	0.03
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-SSBF	Secondary Sample Belt (5)	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
E-ELF	Emergency Loading Fugitives (5)	PM	4.77	0.29
		PM ₁₀	0.91	0.05
		PM _{2.5}	0.10	0.01
E-FWPENG	Firewater Pump Engine	VOC	0.63	0.03
		CO	1.67	0.08
		SO ₂	1.01	0.05
		NO _x	7.75	0.39
		PM	0.55	0.03
		PM ₁₀	0.55	0.03
		PM _{2.5}	0.55	0.03
E-FWPD TNKV	Firewater Pump Diesel Fuel Tank	VOC	0.02	<0.01

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MSSFUG	Miscellaneous Maintenance Fugitives (5)	PM	0.86	0.04
		PM ₁₀	0.86	0.04
		PM _{2.5}	0.86	0.04

- (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
 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) Emissions quantified include emissions from all typical operations of an open storage pile (e.g., loading, unloading, shaping, compacting, and upkeep).

Date: November 15, 2019