

Emission Sources - Maximum Allowable Emission Rates

Permit Number 95412

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)
SCRNMINE	Vibrating Scalping Screen (5)	PM	0.18	0.79
		PM ₁₀	0.11	0.48
		PM _{2.5}	0.03	0.14
TRSFMINE	Mine Area Material Handling Fugitives (5), (7)	PM	0.50	2.21
		PM ₁₀	0.17	0.73
		PM _{2.5}	0.05	0.21
CONVEY	Overland Belt Conveyor (5), (8)	PM	0.15	0.66
		PM ₁₀	0.06	0.24
		PM _{2.5}	0.02	0.07
TRSFRR	Raw Sand Area Material Handling Fugitives (5), (9)	PM	0.01	0.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
TRSFDRY	Product Sand Area Material Handling Fugitives (5), (10)	PM	0.01	0.03
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
LOADOUT	Loadout Material Handling Fugitives (5), (11)	PM	0.07	0.10
		PM ₁₀	0.03	0.04
		PM _{2.5}	0.01	0.01
LOAD	Hoppers Loading Operations (5), (12)	PM	0.02	0.06
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	<0.01
PILES	Stockpile Fugitives (5)	PM	---	1.44

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		PM ₁₀	-.--	0.73
		PM _{2.5}	-.--	0.21
DR150	Dryer Baghouse Stack	PM	2.04	8.04
		PM ₁₀	2.04	8.04
		PM _{2.5}	2.04	8.04
		NO _x	6.01	26.32
		CO	3.13	13.71
		VOC	0.20	0.90
		SO ₂	0.53	2.33
BV250	Tank 250 Dust Collector Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
BV300	Product Silo 300 Dust Collector Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
BV310	Product Silo 310 Dust Collector Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
BV320	Product Silo 320 Dust Collector Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
BV330	Product Silo 330 Dust Collector Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
DC100	Dry Plant Transfer Dust Collector Stack	PM	0.09	0.37
		PM ₁₀	0.09	0.37
		PM _{2.5}	0.09	0.37

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- (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) 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
- NO_x
 - total oxides of nitrogen
- CO
 - carbon monoxide
- VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- SO₂
 - sulfur dioxide
- (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.
- (7) Includes FINs TRANS1 through TRANS10.
- (8) Includes FIN CONVEY1.
- (9) Includes FIN TRANS11.
- (10) Includes FIN TRANS12.
- (11) Includes FINs TS250, TS300, TS310, TS320, and TS330 loading operations as defined in the applicable Special Conditions.
- (12) Includes FINs FH103A and LOADHOPR.

Date: July 27, 2017