

Emission Sources - Maximum Allowable Emission Rates

Permit Number 83417L002

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) *	
			lbs/hour	TPY
D-1	Drum/Dryer Baghouse Stack	PM	10.42	5.21
		PM ₁₀	10.42	5.21
		PM _{2.5}	10.10	5.05
		VOC(a)	11.20	5.60
		NO _x	31.15	15.58
		SO ₂	20.30	10.15
		CO	45.50	22.75
		HCl	0.07	0.04
		Pb	<0.01	<0.01
H-1	Hot Oil Heater	PM	0.04	0.18
		PM ₁₀	0.04	0.18
		PM _{2.5}	0.04	0.18
		VOC	<0.01	0.02
		NO _x	0.25	1.09
		SO ₂	0.09	0.39
		CO	0.06	0.27
LS-1	Lime Storage Silo	PM	0.05	0.02
		PM ₁₀	0.05	0.02
		PM _{2.5}	0.05	0.02
MS-1	Mineral Storage Silo	PM	0.05	0.02
		PM ₁₀	0.05	0.02
		PM _{2.5}	0.05	0.02
SF-1	Silo Fill (4)	PM	0.22	0.11
		PM ₁₀	0.22	0.11

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		PM _{2.5}	0.22	0.11
		VOC	4.79	2.40
		CO	0.46	0.23
PL-1	Truck Load Out (4)	PM	0.20	0.10
		PM ₁₀	0.20	0.10
		PM _{2.5}	0.20	0.10
		VOC	1.54	0.77
		CO	0.53	0.27
REC-1 and REC-2	Material Receiving (4)	PM	0.05	0.02
		PM ₁₀	0.02	0.01
		PM _{2.5}	<0.01	<0.01
C-1	RAP Crushing (4)	PM	0.05	0.02
		PM ₁₀	0.02	0.01
		PM _{2.5}	<0.01	<0.01
S-2	RAP Screening (4)	PM	0.23	0.06
		PM ₁₀	0.11	0.03
		PM _{2.5}	0.02	<0.01
S-1	Aggregate Screening (4)	PM	0.35	0.23
		PM ₁₀	0.17	0.11
		PM _{2.5}	0.03	0.02
MHFUG-1	Aggregate Handling (4)	PM	0.11	0.07
		PM ₁₀	0.05	0.03
		PM _{2.5}	0.01	0.01
MHFUG-2	Cellulose Handling (4)	PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
FUG 1	Stockpile Fugitives (4)	PM	-.--	2.36
		PM ₁₀	-.--	1.18
		PM _{2.5}	-.--	0.18

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T-1	30,000 gallons AC Tank (4)	VOC	0.04	0.06
T-2	10,000 gallons Diesel Tank (4)	VOC	0.02	0.01
T-3	20,000 gallons Fuel Oil Tank (4)	VOC	<0.01	<0.01
T-4	1,000 gallons Antistrip Tank (4)	VOC	<0.01	<0.01
T-5	20,000 gallons AC Tank (4)	VOC	0.04	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
 - VOC(a)
 - Asphalt vapors from standard mix and fuel combustion
 - 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
 - HCl
 - hydrogen chloride
 - Pb
 - lead
 - (4) Fugitive emissions are an estimate only.
 - (5) 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 and production rates:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

RAP Crusher: Tons/hour 40 Tons/year 33,250
Performance Grade Hot Mix: Tons/hour 350 Tons/year 350,000

Date: June 30, 2017