

Emission Sources - Maximum Allowable Emission Rates

Permit Number 84441L001

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 (4)
STK1	Drum Dryer Baghouse Stacks (6)	PM ₁₀	8.58	7.15
		NO _x	33.00	27.50
		CO	78.00	65.00
		VOC (a)	19.20	16.00
		VOC (b)	1050.00	17.50
		SO ₂	34.80	29.00
		HCl	0.13	0.11
HTR1	Hot Oil Heater (7)	PM	0.02	0.04
		PM ₁₀	0.02	0.04
		NO _x	0.14	0.24
		CO	0.04	0.06
		VOC (a)	<0.01	<0.01
		SO ₂	0.61	0.01
HTR2	Hot Oil Heater (7)	PM	0.02	0.04
		PM ₁₀	0.02	0.04
		NO _x	0.14	0.24
		CO	0.04	0.06
		VOC (a)	<0.01	<0.01
		SO ₂	0.61	1.01
AC1, AC2, AC3, AC4	AC Tanks (7)	VOC (b)	0.02	<0.01
DS1	Diesel Tank (7)	VOC (b)	0.17	0.01
FO1	Recovered Oil Tank (7)	VOC (b)	<0.01	<0.01
LS1	Limo Silo	PM ₁₀	0.04	0.19
DP1, DP2, TR1, TR2,	Material Handling (7)	PM	5.44	6.06

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		PM ₁₀	2.57	2.87
SC1	Aggregate Screening (7)	PM	1.06	0.88
		PM ₁₀	0.50	0.42
CR1	RAP Crusher (7)	PM	0.19	0.62
		PM ₁₀	0.09	0.30
SC2	RAP Screening (7)	PM	0.27	0.88
		PM ₁₀	0.13	0.42
H1	Silo Filling (7)	PM ₁₀	0.35	0.29
		CO	0.71	0.59
		VOC (a)	7.31	6.09
LO1	Truck Loading	PM ₁₀	0.31	0.26
		CO	0.81	0.68
		VOC (a)	2.50	2.08
CRT1	Crumb Rubber Tank (7)	VOC (a)	0.23	0.01
RS1	Crumb Rubber Silo	PM ₁₀	0.04	0.19
SP1, SP2, SP3	Aggregate Stockpiles (7)	PM	--	0.14
		PM ₁₀	--	0.07
		VOC (b)	12.60	1.75

- (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 vapors
 - VOC (b) - diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors
 - 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (6) Baghouse Stacks (STK1) include exhaust from both fabric filter baghouses vented from the drum dryer.
- (7) Fugitive emissions are an estimate only.

Date: April 30, 2019