

Emission Sources - Maximum Allowable Emission Rates

Permit Number 153853

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)
BH1A	Central Baghouse – Plant A	PM	0.09	0.41
		PM ₁₀	0.03	0.11
		PM _{2.5}	<0.01	0.02
WH1A	Weigh Hopper Filter – Plant A	PM	0.09	0.41
		PM ₁₀	0.03	0.11
		PM _{2.5}	<0.01	0.02
BH1B	Central Baghouse – Plant B	PM	0.09	0.41
		PM ₁₀	0.03	0.11
		PM _{2.5}	<0.01	0.02
WH1B	Weigh Hopper Filter – Plant B	PM	0.09	0.41
		PM ₁₀	0.03	0.11
		PM _{2.5}	<0.01	0.02
CBP-MH	Concrete Batch Plant Material Handling	PM	0.25	1.10
		PM ₁₀	0.10	0.43
		PM _{2.5}	0.02	0.07
SC1	Material Screening	PM	0.04	0.07
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
SC2	RAP Screen	PM	0.39	0.69
		PM ₁₀	0.13	0.23
		PM _{2.5}	0.01	0.02
CR1	RAP Breaker	PM	0.06	0.09
		PM ₁₀	0.03	0.04
		PM _{2.5}	0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

LS1	Lime Silo	PM	0.02	<0.01
		PM ₁₀	0.01	<0.01
		PM _{2.5}	<0.01	<0.01
H1	Storage Bin Loading	PM	0.22	0.39
		PM ₁₀	0.10	0.18
		PM _{2.5}	0.02	0.03
		CO	0.46	0.84
		VOC	4.79	8.63
LO1	Truck Loading	PM	0.20	0.36
		PM ₁₀	0.09	0.17
		PM _{2.5}	0.01	0.03
		CO	0.53	0.96
		VOC	1.64	2.94
ACP-MH	Asphalt Plant Material Handling	PM	0.06	0.14
		PM ₁₀	0.02	0.05
		PM _{2.5}	0.01	0.01
STK1	Baghouse Stack	PM	11.55	20.79
		PM ₁₀	8.05	14.49
		PM _{2.5}	4.03	7.25
		NO _x	19.25	34.65
		CO	45.50	81.90
		VOC	11.20	20.16
		SO ₂	3.85	6.93
HTR1	Hot Oil Heaters	PM	0.07	0.31
		PM ₁₀	0.07	0.31
		PM _{2.5}	0.07	0.31
		NO _x	0.43	1.88
		CO	0.11	0.47
		VOC	<0.01	0.02

Emission Sources - Maximum Allowable Emission Rates

		SO ₂	<0.01	<0.01
DST	Diesel Tanks	VOC	<0.01	<0.01
ACT	Liquid Asphalt Tanks	VOC	0.02	<0.01
H2	Receiving Hopper	PM	0.01	0.03
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
H3	Transfer Hopper	PM	0.01	0.03
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
MHT-MH	Aggregate Terminal Material Handling	PM	0.12	0.22
		PM ₁₀	0.04	0.07
		PM _{2.5}	0.01	0.02
MCR2	Primary Crusher	PM	0.27	0.27
		PM ₁₀	0.12	0.12
		PM _{2.5}	0.02	0.02
MSC3	Primary Screen	PM	0.50	0.50
		PM ₁₀	0.17	0.17
		PM _{2.5}	0.01	0.01
RCR-MH	Rock Crusher Material Handling	PM	0.03	0.03
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
SPS	Stockpiles	PM	0.91	3.99
		PM ₁₀	0.43	1.90
		PM _{2.5}	0.07	0.29

- (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

Emission Sources - Maximum Allowable Emission Rates

CO - carbon monoxide

(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.

Date: May 14, 2019