

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 84703

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)
Material Handling Plant				
1-6, 17	Material Handling, Loading, Unloading (5)	PM	0.12	0.02
		PM <sub>10</sub>	0.04	<0.01
		PM <sub>2.5</sub>	0.01	0.01
21	Diesel Tank (5)	VOC	<0.01	<0.01
STK	Stockpiles (5)	PM	--	2.49
		PM <sub>10</sub>	--	1.19
		PM <sub>2.5</sub>	--	0.18
Concrete Batch Plant				
DP1	To Feed Hoppers	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
DP2	From Feed Hoppers	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
DP3	To Aggregate Bins	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
DP4	From Aggregate Bins	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
DP5	To Weigh Batcher	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01

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TRK1	Truck Drop Fugitives	PM	0.09	0.19
		PM <sub>10</sub>	0.04	0.08
		PM <sub>2.5</sub>	<0.01	0.01
BH1	Bulk Storage Silos and Truck Drop Point Central Baghouse Stack	PM	0.09	0.20
		PM <sub>10</sub>	0.03	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
WH1	Weight Hopper Bagfilter Stack	PM	0.09	0.20
		PM <sub>10</sub>	0.03	0.06
		PM <sub>2.5</sub>	<0.01	<0.01
Asphalt Plants 1 and 2 (ACP1 and ACP2)				
STK1A	ACP 1 Baghouse Stack	PM	11.55	-
		PM <sub>10</sub>	8.05	-
		PM <sub>2.5</sub>	4.03	-
		NO <sub>x</sub>	19.25	-
		VOC	11.20	-
		CO	45.50	-
		SO <sub>2</sub>	3.85	-
STK1B	ACP 2 Baghouse Stack	PM	11.55	-
		PM <sub>10</sub>	8.05	-
		PM <sub>2.5</sub>	4.03	-
		NO <sub>x</sub>	19.25	-
		VOC	11.20	-
		CO	45.50	-
		SO <sub>2</sub>	3.85	-
STK1A/B	Combined Asphalt Baghouse Stacks	PM	-	20.79
		PM <sub>10</sub>	-	14.49
		PM <sub>2.5</sub>	-	7.25
		NO <sub>x</sub>	-	34.65
		VOC	-	20.16

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		CO	-	81.90
		SO <sub>2</sub>	-	6.93
HTR1A	ACP 1 Hot Oil Heater	PM	0.07	0.31
		PM <sub>10</sub>	0.07	0.31
		PM <sub>2.5</sub>	0.07	0.31
		NO <sub>x</sub>	0.43	1.88
		VOC	<0.01	0.02
		CO	0.11	0.47
		SO <sub>2</sub>	<0.01	<0.01
		PM	0.07	0.31
		PM <sub>10</sub>	0.07	0.31
HTR1B	ACP 2 Hot Oil Heater	PM	0.07	0.31
		PM <sub>10</sub>	0.07	0.31
		PM <sub>2.5</sub>	0.07	0.31
		NO <sub>x</sub>	0.43	1.88
		VOC	<0.01	0.02
		CO	0.11	0.47
		SO <sub>2</sub>	<0.01	<0.01
		PM	0.31	-
		PM <sub>10</sub>	0.14	-
H1A/LO1A	ACP 1 Product Silo Loading and Loadout	PM <sub>2.5</sub>	0.02	-
		CO	0.76	-
		VOC	4.03	-
		PM	0.31	-
		PM <sub>10</sub>	0.14	-
H1B/LO1B	ACP 2 Product Silo Loading and Loadout	PM <sub>2.5</sub>	0.02	-
		CO	0.76	-
		VOC	4.03	-
		PM	0.31	-
		PM <sub>10</sub>	0.14	-
H1A-B/LO1A-B	Combined Loadouts	PM	-	0.55
		PM <sub>10</sub>	-	0.26
		PM <sub>2.5</sub>	-	0.04

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		CO	-	1.37
		VOC	-	7.26
LS1A	ACP1 Lime Silo	PM	0.02	<0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
FS1A	ACP1 Fines Silo	PM	0.02	<0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
LS1B	ACP2 Lime Silo	PM	0.02	<0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
FS1B	ACP2 Fines Silo	PM	0.02	<0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
ACP1 MH	ACP 1 Material Handling Fugitives	PM	0.38	0.73
		PM <sub>10</sub>	0.14	0.27
		PM <sub>2.5</sub>	0.02	0.04
ACP2 MH	ACP 2 Material Handling Fugitives	PM	0.37	0.69
		PM <sub>10</sub>	0.14	0.25
		PM <sub>2.5</sub>	0.02	0.03
DS1A/B, DS2A/B	Diesel Tanks	VOC	0.01	<0.01
AC1A/B, AC2A/B, AC3A/B	Asphalt Tanks	VOC	0.03	<0.01

- (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<sub>x</sub>
    - total oxides of nitrogen
  - SO<sub>2</sub>
    - sulfur dioxide
  - PM
    - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub>
    - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub>
    - 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.

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- (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.

Date: \_\_\_\_\_ DRAFT \_\_\_\_\_

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