

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 148347

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	
			lbs/hour	TPY (4)
CR1	RAP Breaker (5)	PM	0.24	0.45
		PM <sub>10</sub>	0.11	0.20
		PM <sub>2.5</sub>	0.02	0.04
SC1	Material Screening (5)	PM	0.88	0.83
		PM <sub>10</sub>	0.30	0.28
		PM <sub>2.5</sub>	0.03	0.02
SC2	RAP Screening (5)	PM	0.44	0.83
		PM <sub>10</sub>	0.15	0.28
		PM <sub>2.5</sub>	0.01	0.02
MH-FUG	Material Handling Fugitives (5)	PM	0.09	0.16
		PM <sub>10</sub>	0.03	0.05
		PM <sub>2.5</sub>	0.01	0.01
STKPL	Stockpiles (5)	PM	--	0.18
		PM <sub>10</sub>	--	0.09
		PM <sub>2.5</sub>	--	0.01
LS1	Lime Silo Filter Stack	PM	0.04	0.19
		PM <sub>10</sub>	0.04	0.19
		PM <sub>2.5</sub>	0.04	0.19
DS1	Diesel Tank (5)	VOC	0.17	0.01
RO1	Recovered Oil Tank	VOC	<0.01	<0.01
AC1-3	Liquid Asphalt Storage Tanks	VOC	0.02	<0.01
H1	Asphalt Storage Bin Loading	PM	0.15	0.14
		PM <sub>10</sub>	0.07	0.06
		PM <sub>2.5</sub>	0.01	0.01

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H1	Asphalt Storage Bin Loading	CO	0.74	0.70
		VOC	7.67	7.19
L01	Truck Asphalt Loading	PM	0.14	0.13
		PM <sub>10</sub>	0.07	0.06
		PM <sub>2.5</sub>	0.01	0.01
		CO	0.85	0.80
		VOC	2.62	2.45
HTR1	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
		CO	0.11	0.47
		VOC	0.01	0.02
		SO <sub>2</sub>	0.01	0.02
STK1	Drum Dryer Baghouse Stack	PM	13.20	12.38
		PM <sub>10</sub>	9.20	8.63
		PM <sub>2.5</sub>	4.60	4.31
		NO <sub>x</sub>	22.00	20.63
		CO	52.00	48.75
		VOC	12.80	12.00
		SO <sub>2</sub>	23.20	21.75

- (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
- 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.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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Date: May 21, 2018