

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48253

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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	Baghouse Stack	PM	13.20	12.54
		PM <sub>10</sub>	9.20	8.74
		VOC(a)	12.80	11.20
		VOC(b)	153.13	13.13
		VOC(c)	73.45	3.39
		NO <sub>x</sub>	22.00	20.90
		SO <sub>2</sub>	23.20	22.04
		CO	52.00	49.40
	Asphalt Heater Vent (4)	PM	0.02	0.05
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.20	0.45
		SO <sub>2</sub>	0.43	0.95
		CO	0.05	0.11
	Lime Storage Silo (4)	PM <sub>10</sub>	0.05	0.02
	Asphalt Storage Tank (4)	VOC	<0.01	0.03
	Fuel Oil Storage Tank (4)	VOC	<0.01	0.02
	Diesel Storage Tank (4)	VOC	<0.01	0.01
	Storage Solo Filling (4)	PM	0.17	0.16
		VOC	1.14	1.08
		CO	0.39	0.37
	Truck Load-out	PM	0.14	0.15
		VOC	0.88	0.95
		CO	0.30	0.33
	Aggregate Stockpiles (4)	PM		2.53
		PM <sub>10</sub>		1.20

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Emission * Point No. (1) TPY	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hr	
	Cold Mix Stockpiles (4)	VOC	1.58	6.56
	Material Handling (4)	PM	0.24	0.20
		PM <sub>10</sub>	0.12	0.10
	Engine	PM	0.35	0.76
		VOC	0.42	0.92
		NO <sub>x</sub>	12.64	27.61
		SO <sub>2</sub>	6.46	14.11
		CO	2.20	4.80

(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) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

VOC(a) - mainly asphalt vapors from standard mix

VOC(b) - primarily diesel or kerosene vapors from cold mix

VOC(c) - additional VOC due to the use of crumb rubber

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

\* 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 8760 Hrs/year

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Standard Hot Mix: Tons/hour 400 Tons/year 700,000  
Standard Hot Mix with Rubber: Tons/hour 325 Tons/year 30,000  
Cold Mix with Emulsion: Tons/hour 175 Tons/year 30,000

Dated May 20, 2002