

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 54191L001

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
E-DRYER	Hot Mix Asphalt Dryer Stack	CO	52.00	52.00
		NO <sub>x</sub>	22.00	
		PM	13.20	
		PM <sub>10</sub>	9.20	
		SO <sub>2</sub>	23.20	
		VOC (a)	12.80	12.80
		VOC (b)	175.00	2.19
E-HEATER1	Hot Oil Heater 1	CO	0.08	0.35
		NO <sub>x</sub>	1.31	
		PM <sub>10</sub>	0.92	
		SO <sub>2</sub>	0.48	
		VOC	0.35	
E-HEATER2	Hot Oil Heater 2	CO	0.08	0.35
		NO <sub>x</sub>	1.31	
		PM <sub>10</sub>	0.92	
		SO <sub>2</sub>	0.48	
		VOC	0.35	
E-HEATER3	Hot Oil Heater 3	CO	0.08	0.35
		NO <sub>x</sub>	1.31	
		PM <sub>10</sub>	0.92	
		SO <sub>2</sub>	0.48	
		VOC	0.35	
E-HEATER4	Hot Oil Heater 4	CO	0.08	0.35
		NO <sub>x</sub>	1.31	
		PM <sub>10</sub>	0.92	
		SO <sub>2</sub>	0.48	
		VOC	0.35	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
E-HEATER5	Hot Oil Heater 5	CO	0.08	0.35
		NO <sub>x</sub>	0.30	1.31
		PM <sub>10</sub>	0.21	0.92
		SO <sub>2</sub>	0.11	0.48
		VOC	0.08	0.35
E-HEATER6	Hot Oil Heater 6	CO	0.08	0.35
		NO <sub>x</sub>	0.30	1.31
		PM <sub>10</sub>	0.21	0.92
		SO <sub>2</sub>	0.11	0.48
		VOC	0.08	0.35
E-SILOS	Hot Mix Asphalt Silo Filling (3 silos)	CO	0.47	0.47
		PM <sub>10</sub>	0.23	0.23
		VOC	4.88	4.88
E-TANK1	Asphalt Storage Tank 1	CO	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
E-TANK2	Asphalt Storage Tank 2	CO	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
E-TANK3	Asphalt Storage Tank 3	CO	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
E-TANK4	Asphalt Storage Tank 4	CO	0.02	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	0.21	<0.01
E-TANK5	Asphalt Storage Tank 5	CO	0.03	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	0.27	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
E-TANK6	Asphalt Storage Tank 6	CO	0.02	<0.01
		PM <sub>10</sub>	<0.01	
		VOC	0.16	0.01
E-TANK7	Asphalt Storage Tank 7	CO	0.01	<0.01
		PM <sub>10</sub>	<0.01	
		VOC	0.13	<0.01
E-TANK8	Asphalt Storage Tank 8	CO	0.01	<0.01
		PM <sub>10</sub>	<0.01	
		VOC	0.16	<0.01
E-TANK9	Burner Fuel Tank	VOC	0.08	0.01
E-LOADOUT	Hot Mix Asphalt Loadout	CO	0.54	0.54
		PM <sub>10</sub>	0.21	
		VOC	1.66	
E-LIME	Lime Storage Silo	PM <sub>10</sub>	0.01	0.04
E-CRUSHER	RAP Crusher (4)	PM	0.02	0.02
		PM <sub>10</sub>	0.01	
E-LOAD	Transport Truck Loading	CO	0.14	0.14
		VOC	0.44	
MHFUG	Material Handling (4)	PM	0.18	0.18
		PM <sub>10</sub>	0.09	
SPFUG	Stockpiles (4)	PM	-	19.27
		PM <sub>10</sub>	9.64	
CMFUG	Cold Mix Stockpiles (4)	VOC	5.25	2.19

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

Permit Number 54191L001

Page 5

#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) 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
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - 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.
  - 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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Hot Mix (Drum Mix):	<u>400</u> tons/hour	<u>800,000</u> tons/year
Cold Mix (Emulsion):	<u>100</u> tons/hour	<u>2,500</u> tons/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated \_\_\_\_\_