EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56094

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
8	Calciner Wet Scrubber	NO_x	2.90	9.72
		PM	1.30	4.36
		VOC	0.11	0.36
		SO_2	2.85	9.55
		CO	1.40	4.69
		HF	0.05	0.17
		HCl	0.24	0.80
20	Sand Dryer	PM	0.96	0.06
		PM_{10}	0.87	0.05
		VOC	0.03	0.01
		SO_2	0.67	0.04
		CO	0.31	0.02
		NO_x	0.35	0.02
21	Tunnel Kilns A, B, and C Dry Injection Fabric Filter System Common Stack	PM_{10}	1.93	8.47
		VOC	6.72	29.43
		SO_2	118.63	519.62
		CO	30.39	133.05
		NO_x	6.03	26.46
		HF	1.90	8.31
		HCl	0.47	2.04
25	Tunnel Dryer 1	PM	0.61	2.67
		VOC	0.10	0.43
26	Tunnel Dryer 2	PM	0.61	2.67
		VOC	0.10	0.43

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27	Tunnel Dryer 3	PM	0.61	2.67
		VOC	0.10	0.43
28	Tunnel Dryer 4	PM	0.61	2.67
		VOC	0.10	0.43
29	Tunnel Dryer 5	PM	0.61	2.67
		VOC	0.10	0.43
30	Tunnel Dryer 6	PM	0.61	2.67
		VOC	0.10	0.43
31	Tunnel Dryer 7	PM	0.61	2.67
		VOC	0.10	0.43
32	Tunnel Dryer 8	PM	0.61	2.67
		VOC	0.10	0.43
33	Tunnel Dryer 9	PM	0.61	2.67
		VOC	0.10	0.43
53	Manufacturing Dust Collector	PM	1.37	2.57
		PM_{10}	1.37	2.57
54	Shapes Dust Collector	PM	0.57	1.06
		PM_{10}	0.57	1.06
EGLFUG (Crusher and Drop Points)	Eagle Roll Crusher	PM	0.06	<0.04
		PM_{10}	0.03	<0.02
CALFUG (Screens and Transfer Points) (4)	Calciner Fugitives	PM	0.21	0.14
		PM_{10}	0.12	0.08
GRINDFUG	Grinding Building	PM	0.50	0.50

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
(A-Line Hammer Mill, Scalping Screen, and Transfer Points) (4)		PM_{10}	0.10	0.10
MFGFUG	Manufacturing Building (4)	PM	0.11	0.03
		PM_{10}	<0.01	<0.01
SYMFUG	Symphony Building (4)	PM	0.10	0.10
		PM_{10}	0.05	0.05
STKFUG	Stockpile Fugitives (4)	PM		1.10
		PM_{10}		0.54

(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.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
$PM_{2.5}$ - particulate matter less than 2.5 microns in diameter.
SO_2 - sulfur dioxide
CO - carbon monoxide
HF - hydrogen fluoride
HCl - hydrogen chloride
(4) Fugitive emissions are an estimate only.

Dated February 24, 2010