Emission Sources - Maximum Allowable Emission Rates

Permit Number 44480

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)
4	Steadman Crusher Clay Dump (5)	PM	0.04	0.02
		PM_{10}	0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
5	Steadman Crusher (5)	PM	0.30	0.18
		PM_{10}	0.14	0.08
		$PM_{2.5}$	0.03	0.02
7a & 7b	Steadman Conveyor to Drop Point (5)	PM	0.07	0.04
		PM_{10}	0.02	0.01
		$PM_{2.5}$	0.01	<0.01
8	Calciner Wet Scrubber Stack	NO_X	2.90	9.72
		PM	1.30	4.36
		PM_{10}	1.30	4.36
		$PM_{2.5}$	1.30	4.36
		VOC	0.11	0.37
		SO_2	2.85	9.55
		CO	1.40	4.69
		HF	0.05	0.17
		HCl	0.24	0.80
14a	Hammer Mill (5)	PM	0.01	0.01
		PM_{10}	0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01

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15c	Scalping Screen (5)	PM	0.22	0.14
		PM_{10}	0.07	0.05
		$PM_{2.5}$	0.01	<0.01
21	Tunnel Kilns A, B, and C Dry Injection Fabric Filter System Common Stack	PM	11.28	49.42
		PM_{10}	10.23	44.79
		$PM_{2.5}$	9.09	39.83
		VOC	6.72	29.43
		SO_2	118.63	519.62
		CO	30.38	133.05
		NO_X	6.04	26.46
		HF	1.90	8.31
		HCl	0.47	2.04
25	Tunnel Dryer 1 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
26	Tunnel Dryer 2 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
27	Tunnel Dryer 3 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
28	Tunnel Dryer 4 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14

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		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
29	Tunnel Dryer 5 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
30	Tunnel Dryer 6 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
31	Tunnel Dryer 7 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
32	Tunnel Dryer 8 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
33	Tunnel Dryer 9 (5)	PM	0.61	2.67
		PM_{10}	0.49	2.14
		$PM_{2.5}$	0.49	2.14
		VOC	0.10	0.43
53	Manufacturing Dust Collector (5)	PM	1.37	2.57
		PM_{10}	1.37	2.57
		$PM_{2.5}$	0.21	0.39
54	Shapes Dust Collector	PM	0.57	1.06

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		PM_{10}	0.57	1.06
		$PM_{2.5}$	0.09	0.16
55	B Line Grinding Baghouse Stack	PM	1.80	3.60
		PM_{10}	1.80	3.60
		$PM_{2.5}$	0.27	0.55
56	A Line Grinding Baghouse Stack	PM	1.13	2.12
		PM_{10}	1.13	2.12
		$PM_{2.5}$	0.17	0.32
EGLFUG	Eagle Roll Crusher (Crusher and Drop Points)	PM	0.04	0.02
		PM_{10}	0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
CALFUG	Calciner Fugitives (Screens and Transfer Points) (5)	PM	0.02	0.01
		PM_{10}	0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
GRINDFUG	Grinding Building (A-Line Hammer Mill, Scalping Screen, and Transfer Points) (5)	PM	0.03	0.03
		PM_{10}	0.01	0.01
		$PM_{2.5}$	< 0.01	< 0.01
MFGFUG	Manufacturing Building (5)	PM	0.01	0.02
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SYMFUG	Symphony Building (5)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
STKFUG	Stockpile Fugitives (5)	PM		0.54
		PM_{10}		0.27
		$PM_{2.5}$		0.27

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(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
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HF - hydrogen fluoride
HCl - hydrogen chloride
(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.
(6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: TBD