Emission Sources - Maximum Allowable Emission Rates

Permit Number 26080

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)
1	Raw Material Unloading and Storage Baghouse Stack	PM	0.77	3.39
		PM_{10}	0.77	3.39
2	Scrap Tile Processing and Material Weigh/Feed Baghouse Stack	PM	1.86	8.15
		PM_{10}	1.86	8.15
3	Screening/Pressing Baghouse Stack	PM	2.06	9.04
		PM_{10}	2.06	9.04
4	Glaze Prep/Tile Glazing Baghouse Stack	PM	0.57	2.51
		PM_{10}	0.57	2.51
5	Tile Dryer Line No. 2 Stack	PM	0.08	0.33
		PM_{10}	0.08	0.33
		VOC	0.15	0.65
		NO_x	0.05	0.22
		CO	0.75	3.26
		SO_2	<0.01	<0.01
		HF (5)	<0.01	<0.01
		HCl (5)	<0.01	<0.01
6	Tile Dryer Line No. 1 Stack	PM	0.08	0.33
		PM_{10}	0.08	0.33
		VOC	0.15	0.65
		NO_x	0.05	0.22
		CO	0.75	3.26

Emission Sources - Maximum Allowable Emission Rates

		SO_2	<0.01	<0.01
		HF (5)	<0.01	<0.01
		HCl (5)	<0.01	<0.01
11	Spray Dryer Baghouse Stack	PM	5.97	26.14
		PM_{10}	5.97	26.14
		$PM_{2.5}$	5.97	26.14
		VOC	0.29	1.26
		NO_x	2.30	10.05
		CO	0.39	1.69
		SO_2	0.01	0.03
		HF (5)	0.58	2.53
		HCl (5)	0.04	0.17
13	Body Material Storage Baghouse Stack	PM	0.63	2.75
		PM_{10}	0.63	2.75
14	Tile Dryer Line No. 4 Stack	PM	0.08	0.33
		PM_{10}	0.08	0.33
		VOC	0.15	0.65
		NO_x	0.05	0.22
		CO	0.75	3.26
		SO_2	<0.01	<0.01
		HF (5)	<0.01	<0.01
		HCl (5)	<0.01	<0.01
15	Tile Dryer Line No. 3 Stack	PM	0.08	0.33
		PM_{10}	0.08	0.33
		VOC	0.15	0.65
		NO_x	0.05	0.22

Emission Sources - Maximum Allowable Emission Rates

		CO	0.75	3.26
		SO_2	<0.01	<0.01
		HF (5)	<0.01	<0.01
		HCl (5)	<0.01	<0.01
20	Tile Dryer Line No. 5 Stack	PM	0.08	0.33
		PM_{10}	0.08	0.33
		VOC	0.15	0.65
		NO_x	0.05	0.22
		CO	0.75	3.26
		SO_2	<0.01	<0.01
		HF (5)	<0.01	<0.01
		HCl (5)	<0.01	<0.01
23	Screening/Pressing Baghouse Stack	PM	0.68	2.96
		PM_{10}	0.68	2.96
24	Tile Dryer Line No. 6 Stack	PM	0.07	0.33
		PM_{10}	0.07	0.33
		VOC	0.15	0.65
		NO_x	0.05	0.22
		CO	0.74	3.26
		SO_2	<0.01	<0.01
		HF (5)	<0.01	<0.01
		HCl (5)	<0.01	<0.01
27	Crusher and Screening Baghouse Stack	PM	1.63	7.17
		PM_{10}	1.63	7.17
28	Tile Glazing Baghouse Stack	PM	0.13	0.57
		PM_{10}	0.13	0.57

Emission Sources - Maximum Allowable Emission Rates

31	Wet Scrubber 1 Stack (Kilns 1-6)	PM	3.94	17.26
		PM_{10}	3.94	17.26
		VOC	0.31	1.38
		NO_x	6.90	30.23
		CO	5.33	23.34
		SO_2	10.02	43.89
		HF (5)	12.16	2.58
		HCl (5)	3.74	4.39
32	Wet Scrubber 2 Stack (Kilns 7-12)	PM	2.64	11.54
		PM_{10}	2.64	11.54
		VOC	0.40	1.75
		NO_x	4.48	19.68
		CO	1.93	8.46
		SO_2	10.35	45.33
		HF (5)	12.15	2.66
		HCl (5)	3.74	4.53

(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_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) Hazardous Air Pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C.
(6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Emission Sources - Maximum Allowable Emission Rates

Date: September 8, 2022