Emission Sources - Maximum Allowable Emission Rates

Permit Number 5725A

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	
			lbs/hour	TPY (4)
K5ARADCSTK	Kiln No. 5 Dust Collector	PM	0.13	0.57
		PM_{10}	0.13	0.57
		$PM_{2.5}$	0.13	0.57
K5MAINSTK	Kiln No. 5 Main Stack	CO	256.80	1105.20
		NO_x	50.75	220.13
		SO_2	100.4	438.06
		VOC	20.11	87.77
		PM	22.24	96.67
		PM_{10}	20.04	87.06
		$PM_{2.5}$	20.04	87.06
BLR8STK	Boiler No. 8 Stack (5)	CO	4.74	(5)
		NO_x	5.64	(5)
		SO_2	0.03	(5)
		VOC	0.31	(5)
		PM	0.43	(5)
		PM_{10}	0.43	(5)
		$PM_{2.5}$	0.43	(5)

(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

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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

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Short-term limits are for when Boiler 8 is firing natural gas. Annual emissions from Boiler No. 8 are included within the annual limits for EPN K5MAINSTK, because the Boiler normally serves as a control device for the flue gases.

Date: July 11, 2016