Emission Sources - Maximum Allowable Emission Rates

Permit Number 100920

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.	Source Name	Air Contaminant Name (1)	Emission Rates	
			lbs/hour	TPY (2)
1	Incinerator/Baghouse Stack	NO_x	4.13	5.76
		NO_x (3)	1.49	-
		CO	1.36	10.61
		CO (3)	33.99	-
		VOC	0.68	0.92
		VOC (3)	0.17	-
		SO_2	0.24	0.35
		SO_2 (3)	0.24	-
		PM	0.81	1.07
		PM (3)	0.08	-
		PM_{10}	0.81	1.07
		PM_{10} (3)	0.08	-
		$PM_{2.5}$	0.81	1.07
		$PM_{2.5}$ (3)	0.08	-
		HCl	0.67	0.96
		HCl (3)	0.67	-
		Cd	<0.01	<0.01
		Pb	<0.01	<0.01
		Hg	<0.01	<0.01
		Dioxins and furans	<0.01	<0.01

(1) 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

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		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
HCl	-	hydrogen chloride
Cd	-	cadmium
Pb	-	lead
Hg	-	mercury
Dioxins & furans	-	2,3,7,8-tetrachlorodibenzo-p-dioxin (CAS # 1746-01-6) used as a surrogate for dioxins and furans

(2)   Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. Annual emission limits include emissions during startup and shutdown.

(3)   Hourly emission limit during startup and shutdown.

Date: August 16, 2018