Emission Sources - Maximum Allowable Emission Rates

Permit Number 20105

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)
DP-1	Dispersion Prep Stack	VOC	0.42	0.21
FUG	Spray Losses Vent	VOC	0.46	2.00
IP-1	Isopropyl Alcohol Wash Vent	VOC	1.37	4.27
TC-1	Tray Clean Stack	VOC	1.00	0.03
TO-1	Thermal Oxidizer Stack	CO	0.67	0.07
		NO_x	0.80	0.08
		PM	0.06	0.01
		PM_{10}	0.06	0.01
		$PM_{2.5}$	0.06	0.01
		SO_2	0.01	0.01
		VOC (5)	0.66	0.07
TO-2	Recuperative Thermal Oxidizer Stack	CO	1.23	5.37
		NO_x	5.07	22.20
		PM	0.11	0.49
		PM_{10}	0.11	0.49
		$PM_{2.5}$	0.11	0.49
		SO_2	0.01	0.04
		VOC (5)	0.70	3.05

(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) CO - carbon monoxide
NO_x - total oxides of nitrogen
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
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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(5) Total VOC emissions are from high temperature vulcanization (HTV), room temperature vulcanization (RTV) and natural gas combustion.

Date: April 5, 2013