

Emission Sources - Maximum Allowable Emission Rates

Permit Number 25299

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)
113F	AE Unit Equipment Fugitives	VOC (5)	1.33	5.81
113BLD137	Analyzer Vents	VOC	<0.01	0.02
113F	Product Swaps, Maintenance, Startup, and Shutdown	VOC	44.83	1.81
113F	Pump Clearing, Maintenance, Startup, and Shutdown	VOC	8.08	0.52
113F	Motor Valve / Gaskets / Instruments, Maintenance, Startup, and Shutdown	VOC	0.65	0.06
251BV510	Storage Tank V-510	VOC	0.54	1.18
251BV512	Storage Tank V-512	VOC	0.58	1.27
251BV514	Storage Tank V-514	VOC	0.52	1.13
251BV863	Storage Tank V-863	VOC	1.42	1.28
251BV876	Storage Tank V-876	VOC	1.46	1.31
251CV1035	Storage Tank V-1035	VOC	0.20	0.20
113V1226	Storage Tank V-1226	VOC	0.82	0.38
251CV1263	Storage Tank V-1263	VOC	0.78	1.39
303M1239	Ethylene Flare	VOC	37.38	17.10
		NO _x	1.16	0.72
		CO	5.91	3.69

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303M1239	Ethylene Flare, MSS	VOC	11.20	0.12
		CO	0.43	0.01
		NO _x	2.21	0.04
302M331, 302M460, 302M3069, 302M3077	Boilers #5, #6, #8, and #9	VOC (6)	1.02	0.23

- (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
 CO - carbon monoxide
- (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) Products of combustion for Boilers #5, #6, #8, and #9 are authorized in Permit 2175.

Date: February 5, 2016