

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56694

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)
R-100D (6)	R100 Reactor/ Z5000 Scrubber	VOC	4.96	3.83
		Naphthalene	0.40	0.40
EV4 (6)	R100 Reactor/ V004 Scrubber	VOC	0.17	0.02
		Ethylene Oxide	0.11	0.01
		Propylene Oxide	0.15	0.01
FUGR1,200	R-100 and R-200 Units and Tank Area Fugitives (5)	VOC	3.59	15.74
		Cumene	0.01	0.01
		Naphthalene	0.02	0.09
		Xylenes	0.01	0.01
LOAD330	Loading Area (Department 330)	VOC	6.29	0.35
		Naphthalene	0.44	0.03

- (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
- (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) The Z5000 Scrubber and the V004 Scrubber have emissions authorized on Permit Nos. 56694 and 56698.

Date: May 20, 2016