

Emission Sources - Maximum Allowable Emission Rates

Permit Number 18072

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)
ACC-1101V	Dissolver Carbon Adsorber ACC-1101 Vent	VOC	0.21	0.13
ACC-1101BV	Dissolver Carbon Adsorber ACC-1101B Vent	VOC	0.21	0.13
ACC-1201V	Catalyst Makeup Carbon Adsorber ACC-1201 Vent	VOC	0.05	0.01
ACC-1201BV	Catalyst Make-up Carbon Adsorber ACC-1201B Vent	VOC	0.05	0.01
D-1521V	Process Carbon Adsorber D-1521 Vent	VOC	0.89	1.95
E-2000V	Cooling Tower	VOC (5)	0.42	1.84
		PM	1.50	6.58
		PM ₁₀	0.75	3.29
		PM _{2.5}	0.01	0.01
FUG-COMP	Piping Fugitives (5)	VOC	1.31	5.74

(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
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - 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

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

Date: January 20, 2017