

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 147473

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)
B19FU5	Butylene Oxide Fugitives (5)	VOC	0.08	-
B19FU7	Butylene Oxide Process Area Fugitives (5)	VOC	2.87	-
		Cl <sub>2</sub>	0.02	-
B23FU8	B-2300 Butylene Oxide Loading Rack Fugitives(5)	VOC	0.75	-
B19CT490	Cooling Tower (5)	PM	0.13	-
		PM <sub>10</sub>	0.13	-
B19FU7, B23FU8, and B19CT490	Fugitive Emissions Source Group Cap (5)	VOC	-	6.02
		Cl <sub>2</sub>	-	0.10
		PM	-	0.31
		PM <sub>10</sub>	-	0.31
B23LR8	Butylene Oxide Loading Rack	VOC	0.81	0.41
Routine Emissions Compliance Cap	All sources excluding MSS	VOC	1.79	5.40
		Cl <sub>2</sub>	0.02	0.09
		PM	0.13	0.35
		PM <sub>10</sub>	0.13	0.35

- (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 PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 Cl<sub>2</sub> - chlorine  
 (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.

Date: September 11, 2017