

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19796

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. 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 *	
			lb/hr	TPY
**				
01	Butyl Lithium Process Fugitives (4)	VOC	0.66	2.90
		HCl	0.34	
02	Flare	VOC	1.01	3.28
		NO _x	1.11	
		CO	2.22	
		SO ₂	0.01	
03	HCl Scrubber	HCl	0.01	0.01
04	Butyl Lithium Filter Emissions	VOC	1.87	0.47
		HCl	0.01	
05	Butyl Lithium Transfer Losses	VOC	10.31	0.92
		HCl	0.01	

- (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
HCl - hydrogen chloride
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:
8,760 Hrs/year

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			lb/hr	TPY **

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated July 13, 2006