

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83785

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 (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
LPOMSS	Process Equipment Depressurization Maintenance and Line Opening Emissions	HCl	0.39	0.61
		VOC	13.96	0.84
		NH <sub>3</sub>	0.57	0.01
		PM	0.87	0.31
		PM <sub>10</sub>	0.87	0.31
		PM <sub>2.5</sub>	0.87	0.31
		Cl <sub>2</sub>	0.01	0.01
APSAMSS	Process Equipment and Line Sweeping Maintenance Emissions from A-Plant	VOC	0.15	0.01
NPSAMSS	Process Equipment and Line Sweeping Maintenance Emissions from N-Plant	VOC	0.07	0.01
		Sodium Hydroxide	0.01	0.01
VACMSS	Sump and Vacuum Truck Maintenance Emissions	VOC	0.60	0.11
SDSUMSS	Unit and Process Shutdown and Startup Emissions	VOC	16.05	4.22

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- (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>
PM <sub>10</sub>	- particulate matter equal to or less than 10 microns in diameter, including PM <sub>2.5</sub>
PM <sub>2.5</sub>	- particulate matter equal to or less than 10 microns in diameter
NH <sub>3</sub>	- ammonia
Cl <sub>2</sub>	- chlorine
HCl	- hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Dated: May 17, 2017