

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 79193

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) (6)	Emission Rates	
			lbs/hour	TPY (4)
FLR	Flare (Pilot, Truck Loading, Rail Loading, Tanks, Process)	VOC	30.02	22.50
		NO <sub>x</sub>	5.58	10.61
		CO	20.21	28.60
		PM	<0.01	<0.01
		SO <sub>2</sub>	0.54	0.12
		HCl	1.00	0.08
		NH <sub>3</sub>	23.07	20.21
		Exempt Solvents	17.88	18.15
FUG	Fugitives (5)	VOC	0.60	2.63
		NH <sub>3</sub>	0.09	0.37
		Exempt Solvents	0.60	2.63
FU-2060	Anhydrous Ammonia Storage Tank	NH <sub>3</sub>	0.03	0.13
LD-Truck	Atm Truck Loading	VOC	5.00	-
LD-Rail	Atm Rail Loading	VOC	3.93	-
LDRK	Atm Truck and Rail Loading	VOC	-	0.59
HAP	Hazardous Air Pollutants (Individual)	HAP	-	<10
HAP	Hazardous Air Pollutants (Total)	HAP	-	<25

(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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

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

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

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HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C  
HCl - hydrogen chloride  
NH<sub>3</sub> - ammonia

- (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) A list of the approved chemicals can be found in the "Application Calculation Spreadsheet\_05-29-2020" and the attached Approved Chemicals List.

Date: June 12, 2020