

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 22872

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**
71V1053ST	Feed Tank V-1053	Potassium Hydroxide	<0.01	<0.01
71V1054ST	Feed Tank V-1054	VOC	4.33	0.07
71V1056ST	Tank V-1056	VOC	0.69	0.33
		SO ₂	1.20	0.53
71V1057ST	Tank V-1057	VOC	0.69	0.33
		SO ₂	1.20	0.53
71V1060ST	Tank V-1060	VOC	0.30	0.18
71V1061ST	Tank V-1061	VOC	4.78	0.48
		SO ₂	8.41	0.53
71V1063ST	Tank V-1063	VOC	2.16	0.35
71V1067ST	Tank V-1067	VOC	1.77	0.32
71V1068ST	Tank V-1068	VOC	6.82	1.03
		SO ₂	13.77	0.53
71V1069ST	Tank V-1069	VOC	0.87	0.24
71V1070ST	Tank V-1070	VOC	0.25	0.18
71V1071ST	Tank V-1071	VOC	0.48	0.20
71V1072ST	Tank V-1072	VOC	1.41	0.38
		SO ₂	2.10	0.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
71V1073ST	Tank V-1073	VOC	1.41	0.38
		SO ₂	2.10	0.53
71V1074ST	Tank V-1074	VOC	0.48	0.20
71V1075ST	Tank V-1075	VOC	0.48	0.20
71V1077ST	Tank V-1077	VOC	0.48	0.20
71V1081ST	Tank V-1081	VOC	0.48	0.20
71V1089ST	Tank V-1089	VOC	0.04	0.15
71T140ST	T-140 Reactor Vent Absorber	VOC	9.74	6.33
		SO ₂	0.03	<0.01
71LOADING	Railcar/Tank Truck Loading Rack	VOC	4.54	1.75
71UNLOAD	Unloading Emissions	VOC	23.31	2.86
		Potassium Hydroxide	<0.01	<0.01
		SO ₂	3.08	0.63
71EOFUG	EO Process Fugitives (4)	VOC	0.11	0.48
71ETHOXFUG	Process Fugitives (4)	VOC	0.44	1.78
		SO ₂	6.78	18.76
71MAINTFUG	Maintenance Emissions	VOC	0.48	0.16
		SO ₂	0.53	<0.01
71TOTE	Depressuring Emissions	VOC	2.30	0.47

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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
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:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

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

Dated January 7, 2009