

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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
71V1056	Ethoxylate Product Storage Tank V-1056 <0.01		VOC	<0.01
71V1057	Ethoxylate Product Storage Tank V-1057 <0.01		VOC	<0.01
71V1060	Raw Material Storage Tank V-1060 <0.01		VOC	0.08
71V1063	Raw Material Storage Tank V-1063 0.05		VOC	0.16
71V1064	Raw Material Storage Tank V-1064 <0.01		VOC	0.16
71V1067	Ethoxylate Product Storage Tank V-1067 <0.01		VOC	<0.01
71V1068	Ethoxylate Product Storage Tank V-1068 <0.01		VOC	<0.01
71V1069	Ethoxylate Product Storage Tank V-1069 <0.01		VOC	<0.01
71V1070	Ethoxylate Product Storage Tank V-1070 <0.01		VOC	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
71V1071	Ethoxylate Product Storage Tank V-1071 <0.01		VOC	<0.01
71V1072	Ethoxylate Product Storage Tank V-1072 <0.01		VOC	<0.01
71V1073	Ethoxylate Product Storage Tank V-1073 <0.01		VOC	<0.01
71V1074	Ethoxylate Product Storage Tank V-1074 <0.01		VOC	<0.01
71V1075	Ethoxylate Product Storage Tank V-1075 <0.01		VOC	<0.01
71V1077	Ethoxylate Product Storage Tank V-1077 <0.01		VOC	<0.01
71V1081	Ethoxylate Product Storage Tank V-1081 <0.01		VOC	<0.01
71V1089	Feed Material Storage Tank V-1089 <0.01		VOC	<0.01
71T140	T-140 Reactor Vent Absorber (5) <0.01		VOC	0.0192
		SO ₂	<0.01	<0.01
71LOADNG	Railcar/Tank Truck Loading Rack <0.01		VOC	<0.01
71FUG	Process Fugitives (4)	VOC	0.76	3.15

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Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hr TPY

- (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 General Rule 101.1
- SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate based on component count, factors, and applicable reduction credits for a leak detection and repair program.
- (5) Emission rates include the increase in ethylene oxide emissions previously authorized under Standard Exemption Registration No. 28961.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day_____ Days/week_____ Weeks/year_____ or Hrs/year 8,760

Dated_____