

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3181

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)
ERU-5 Unit (07/17)				
3	Vent Recovery Systems Scrubber	VOC	0.01	0.05
A27001	Mixed Solvent Analyzer	VOC	0.01	0.01
A27032	Mixed Solvent Analyzer	VOC	0.01	0.01
E5LOAD	Loading Emissions	VOC	1.61	0.01
ERU5WW	Wastewater System	VOC	0.41	1.79
FUGERU5	ERU-5 Fugitives (5)	VOC	0.88	3.83
T1903	Neat Resin Holding Tank	VOC	0.05	0.01
T2704	Caustic Storage Tank	Sodium Hydroxide	0.01	0.01
T2708	Neat Resin Rundown Tank	VOC	0.18	0.03
T2709	Neat Resin Rundown Tank	VOC	0.05	0.01
T2710	Neat Resin Rundown Tank	VOC	0.05	0.01
T2711	Neat Resin Rundown Tank	VOC	0.05	0.01
T2716	Blended Resin Storage Tank	VOC	0.77	0.01
T2717	Neat Resin Storage Tank	VOC	0.05	0.01
T2718	Neat Resin Bulk Storage Tank	VOC	0.06	0.04
T2719	Neat Resin Bulk Storage Tank	VOC	0.06	0.04
T2720	Neat Resin Bulk Storage Tank	VOC	0.06	0.06
T2721	Neat Resin Bulk Storage Tank	VOC	0.06	0.02
T2722	Neat Resin Recycle Tank	VOC	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

T2725	Blended Resin Storage Tank	VOC	1.62	0.07
T2726	Blended Resin Storage Tank	VOC	1.62	0.07
T2727	Blended Resin Storage Tank	VOC	1.62	0.07
T2728	Blended Resin Storage Tank	VOC	0.13	0.01
T2729	Heloxy Additive Bulk Storage	VOC	1.06	0.03
T2730	Blended Resin Storage Tank	VOC	1.62	0.08
T2731	Blended Resin Storage Tank	VOC	1.27	0.06
T2732	Heloxy Additive Bulk Storage	VOC	1.19	0.03
T2733	Heloxy Additive Bulk Storage	VOC	1.19	0.03
T2734	Blended Resin Storage Tank	VOC	1.62	0.07
T2735	Blended Resin Storage Tank	VOC	1.62	0.07
T2736	Blended Resin Storage Tank	VOC	1.65	0.01
T2737	Neat Resin Bulk Storage Tank	VOC	0.06	0.03
T2738	Neat Resin Rundown Tank	VOC	0.06	0.03
T2739	Blended Resin Storage Tank	VOC	1.62	0.01
T2740	Heloxy Additive Bulk Storage	VOC	1.15	0.02
T19051	Cuts Stripper Bottoms	VOC	0.01	0.01
T19052	Cuts Stripper Bottoms	VOC	0.01	0.01
V2728	Vessel	VOC	0.06	0.01
V2729	Vessel	VOC	0.02	0.01
V2751	Catalyst Charge Tank	VOC	0.06	0.01
V2752	Vessel	VOC	0.01	0.01
V2753	Acetic Acid Tan	VOC	0.03	0.01

Emission Sources - Maximum Allowable Emission Rates

Liquid Resin Distribution Facility (11/15)				
E5T/T	Tank Truck Loading	VOC	9.35	0.41
E5T/C	Rail Car :Loading	VOC	17.67	0.85
E5DRUM	Drumming Losses	VOC	3.53	0.23
FULRDF	Resin Loading Area Fugitives (5)	VOC	0.38	1.67
Epichlorohydrin Storage Area (07/17)				
DISTR	Storage Tank Area Fugitives (5)	VOC	0.28	1.25
D340	Storage Tank D-340	VOC	1.19	0.13
D343	Storage Tank D-343	VOC	1.71	0.17
D358	Storage Tank D-358	VOC	1.43	0.14

- (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
- (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.

Date: July 26, 2017