

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18019

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)lb/hr	<u>Emission Rates*</u>	
			TPY**	
124V256	Storage Tank	n Butyl Acetate	10.24	2.337
124V257	Storage Tank	n Butyl Acetate	10.24	2.337
124V2501	Storage Tank	n Butyl Acetate	10.24	1.182
124V2503	Storage Tank	n Butyl Acetate	10.24	2.270
124V635	Storage Tank	i Butyl Acetate	15.96	1.447
124V636	Storage Tank	i Butyl Acetate	15.96	1.447
124V637	Tank Absorber	n Propyl Acetate	1.28	0.078
124V638	Tank Absorber	n Propyl Acetate	1.28	0.036
124V820	Tank Absorber	n Propyl Acetate	1.28	0.078
124V867	Tank Absorber	n Propyl Acetate	1.28	0.078
124V1263	Tank Absorber	n Propyl Acetate	1.28	0.078
124V1273	Tank Absorber	n Propyl Acetate	1.28	0.038
124V1491	Storage Tank	Methylal	268.26 (5)	2.289
124V1492	Storage Tank	Methylal	268.26 (5)	2.151
124V1493	Storage Tank	Methylal	268.26 (5)	3.162

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124V1494	Storage Tank	Methylal	0.86	1.931
124V163	Storage Tank	Acetic Acid	3.00	1.939
124V607	Storage Tank	n Butanol	6.31	2.312
124V609	Storage Tank	n Butanol	6.02	0.370
124V930	Storage Tank	n Butanol	7.26	0.862
124V931	Storage Tank	n Butanol	7.26	0.769
124V920	Storage Tank	i Butanol	11.14	0.975
124V608	Storage Tank	n Propanol	16.27	1.980
124V819	Storage Tank	n Propanol	16.27	0.908
124V865	Storage Tank	n Propanol	16.27	0.908
124V649	Storage Tank	Methanol	14.6	0.650
124V650	Storage Tank	Methanol	14.6	0.650
124V363	Storage Tank	VOC	3.28	0.017
124V364	Storage Tank	VOC	3.28	0.017
124V365	Storage Tank	VOC	3.28	0.017
124V366	Storage Tank	VOC	3.28	0.017
124V367	Storage Tank	VOC	3.28	0.017
124V538	Rundown Tank Absorber	VOC	6.71	0.69

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<u>TPY**</u>				
124V539	Rundown Tank Absorber	VOC	6.71	0.69
124V1583	WIP Tank	VOC	22.60	1.308
124V862	WIP Tank	VOC	49.14	0.532
124LR	Loading Rack	VOC	30.1	5.45
124UNLD	Railcar Unloading	Acetic Acid	10.98	2.47
124F	Fugitives (4)	VOC	6.51	28.53
117HE2723	Incinerator (6)	VOC	1.40	0.11
117HE2591	Incinerator (7)	VOC	0.39	0.01

- (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) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Only one of the following Tanks can be filled at a time: 1491, 1492, and 1493.
- (6) Refer to Permit Number 19136 for MO-3 Incinerator.
- (7) Refer to Permit Number 7748 for MO-4 Incinerator.

* 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

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

Permit Number 18019
Page 4

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TPY**

Dated April 11, 2003