

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
124V256	Storage Tank	n Butyl Acetate	10.2	2.34
124V257	Storage Tank	n Butyl Acetate	10.2	2.34
124V2501	Storage Tank	VOC	10.2	1.18
124V2503	Storage Tank	VOC	10.2	2.27
124V635	Storage Tank	i Butyl Acetate	16.0	1.45
124V636	Storage Tank	i Butyl Acetate	16.0	1.45
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. (5)	2.29
124V1492	Storage Tank	Methylal	268. (5)	2.15
124V1493	Storage Tank	Methylal	268. (5)	3.16
124V1494	Storage Tank	Methylal	0.86	1.93

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
124V163	Storage Tank	Acetic Acid	3.00	1.94
124V607	Storage Tank	n Butanol	6.31	2.31
124V609	Storage Tank	n Butanol	6.02	0.37
124V930	Storage Tank	n Butanol	7.26	0.86
124V931	Storage Tank	n Butanol	7.26	0.77
124V920	Storage Tank	i Butanol	11.1	0.98
124V608	Storage Tank	VOC	16.3	2.45
124V819	Storage Tank	n Propanol	16.3	0.91
124V865	Storage Tank	n Propanol	16.3	0.91
124V649	Wash Water Tank	VOC	12.63 (8)	1.63
124V650	Wash Water Tank	VOC	12.63 (8)	0.88
124T521	Rundown Tanks Absorber	VOC	6.71	0.69
124V1583	WIP Tank	VOC	22.6	1.31
124V862	WIP Tank	VOC	49.1	0.53
124LR	Loading Rack	VOC	30.1	5.45
124UNLD	Railcar Unloading	Acetic Acid	11.0	2.47
124F	Fugitives (4)	VOC	6.51	28.53
122HE2723	Incinerator (6)	VOC	1.40	0.11
117HE2680	Incinerator (7)	VOC	0.39	0.01

Permit No. 18019
Page 3

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr TPY</u>

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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 General Rule 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 No. 19136 for MO-3 Incinerator.
- (7) Refer to Permit No. 7748 for MO-4 Incinerator.
- (8) Tanks 649 and 650 shall not be filled simultaneously.

* 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_____