

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4477

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
L3V4367	Vinyl Acetate Storage		VOC		15.6	0.68
L3V4383	Catalyst Mix Tank		VOC		0.06	<0.01
L3V4382	Catalyst Mix Tank		VOC		0.06	<0.01
L3V4352	Catalyst Mix Tank		VOC		0.06	<0.01
L3V4351	Catalyst Mix Tank		VOC		<0.01	<0.01
L3V4384	Catalyst Mix Tank		VOC		<0.01	<0.01
L3V4385	Catalyst Mix Tank		VOC		<0.01	<0.01
L3V4414	Additive Mix Tank		VOC		0.34	<0.01
L3V4415	Additive Mix Tank		VOC		0.34	<0.01
			PM10		0.25	0.02
L3V4368	Additive Mix Tank		VOC		0.34	<0.01
			PM10		0.25	0.02
L3V4369	Additive Mix Tank		VOC		0.34	<0.01
			PM10		0.25	0.02
L3V4236	Additive Hold Tank		VOC		0.05	<0.01
L3V4237	Additive Hold Tank		VOC		0.05	<0.01
L3V4238	Additive Hold Tank		VOC		0.05	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>			
			lb/hr	TPY		
L3V4239		Additive Hold Tank		VOC	0.05	<0.01
L3J4262		Catalyst Sump		VOC	0.01	<0.01
L3J4211		Modifier Sump		VOC	0.19	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
L3J4230	Knockout Sump		VOC	0.20	0.12
L3V4373	Bulk Oil Storage Tank		VOC	1.20	<0.01
L3V5228	Lube Oil Day Tank		VOC	0.08	<0.01
L3SILOSCYCL	Silos		VOC	68.8	164.9
			PM	0.22	0.99
L3FUGITIVE	Process Fugitives (4)		VOC	24.11	105.5
L3BD	Wax Blowdowns		VOC	0.71	3.12
L3L4205	Dryer Discharge		PM	0.44	1.93
L3RECVCYCL	Receiver Cyclones		PM	0.05	0.20
L3SCALCYC	Scalperator Cyclones		PM	0.16	0.72
L3FLARE	Flare		NOx	0.06	0.25
			CO	0.29	1.27
			SO2	0.03	0.13
L2CT	Cooling Tower (5)		VOC	1.26	5.52

- (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) PM - particulate matter  
 PM10 - particulate matter less than 10 microns in diameter  
 VOC - volatile organic compounds as defined in General Rule 101.1  
 NOx - total oxides of nitrogen  
 SO2 - sulfur dioxide  
 CO - carbon monoxide

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Includes emissions from services to AB II Unit.

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- \* 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 \_\_\_\_\_