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 Name (2)	Contaminant (3)	Emission Rates * lb/hr	TPY	Air Name
L3V4367	Vinyl Acetate Storage	VOC	15.3	0.52	
		VOC (7)	15.3	0.64	
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 Feed Tank	VOC	<0.01	<0.01	
L3V4384	Catalyst Feed Tank	VOC	<0.01	<0.01	
L3V4385	Catalyst Feed Tank	VOC	<0.01	<0.01	
L3V4414	Additive Mix Tank	VOC	0.34	<0.01	
		PM_{10}	0.25	0.02	
L3V4415	Additive Mix Tank	VOC	0.34	<0.01	
		PM_{10}	0.25	0.02	
L3V4368	Additive Mix Tank	VOC	0.34	<0.01	
		PM_{10}	0.25	0.02	
L3V4369	Additive Mix Tank	VOC	0.34	<0.01	
		PM_{10}	0.25	0.02	

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Emission Point No. (1)	Source Name (2)	Air Contaminant (3)	Emission Rates * lb/hr	Emission Rates * TPY
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
L3V4239	Additive Hold Tank	VOC	0.05	<0.01
L3J4262	Catalyst Sump	VOC	0.01	<0.01
		Organic Peroxide	<0.01	<0.01
L3J4211	Modifier Sump	VOC	1.15	0.04
L3J4230	Knockout Sump	VOC	1.43	0.12
L3V4373	Bulk Oil Storage Tank	VOC	1.20	<0.01
L3V5228	Lube Oil Day Tank	VOC	0.08	<0.01
L3SILOS	Silos (6)	VOC	68.8	167.2
		VOC (7)	86.9	175.2
L3FUGITIVE	Process Fugitives (4)	VOC	19.51	85.5
L3V4251	Blowdown Drum	VOC	0.10	0.40
L3V4205	Vertical Cooler	VOC	1.70	7.47
		VOC (8)	<0.01	0.02
L3SILOCYCL	Silos	PM	0.22	0.99
L3L4205	Dryer Discharge	PM	0.44	1.93

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY
L3RECVCYCL	Receiver Cyclones	PM	0.05	0.20
L3SCALCYC	Scalperator Cyclones	PM	0.16	0.72

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
L3FLARE	Flare	VOC (8)	0.32	0.11
		NO_x	0.13	0.27
		CO	0.30	1.27
		SO_2	0.03	0.13
L2CT	Cooling Tower (5)	VOC	1.35	5.92

(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
PM_{10} - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
(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.
(6) Includes emissions due to VOC residual in the polymer from all vents downstream of the extruder.
(7) Emission limit during vinyl acetate copolymer test runs to be completed by September 30, 1998.
(8) Emission limit after vertical cooler discharge routed to flare by December 31, 1997.

* 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

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

Dated _____