

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

18241

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)	#/hr	TPY
RM02	Solvent Tank		VOC	11.27
RM03	Solvent Tank		VOC	11.27
RM04	Solvent Tank		VOC	11.27
RM05	Solvent Tank		VOC	11.27
Precoat	Solvent Tank		VOC	11.27
Total for RM02-RM05 and Precoat			VOC	2.281
RM07	Styrene Tank		VOC	0.229
RM08	Oil Tank		VOC	0.51
RM09	Oil Tank		VOC	0.51
RM10	Oil Tank		VOC	0.51
RM11	Oil Tank		VOC	0.51
RM12	Oil Tank		VOC	0.51
RM17	Oil Tank		VOC	0.51
Total for RM08-RM12 and RM17			VOC	0.132
RM13	Glycol Tank		VOC	0.16

RM14	Glycol Tank	VOC	0.16
RM15	Glycol Tank	VOC	0.16

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
Point No. (1)	Name (2)	Name (3)	#/hr	TPY
RM16	Glycol Tank	VOC	0.16	
Total for RM13-RM16	VOC		0.027	
RM18	Tank or ADI	IPDI	<0.0005	<0.0001
RM19	Tank	TDI	0.0001	<0.0001
RM21	Tank	Maleic Anhydride	0.06	0.008
RM22	Tank	Phthalic Anhydride	0.39	0.169
FG01	Polyurethane Tank	VOC	0.24	
FG03	Polyurethane Tank	VOC	0.24	
Total for FG01 and FG03		VOC		0.02
FG02	Alkyd Tank	VOC	2.92	
FG04	Alkyd Tank	VOC	2.92	
FG05	Alkyd Tank	VOC	2.92	
FG06	Alkyd Tank	VOC	2.92	
FG07	Alkyd Tank	VOC	2.92	
FG10	Alkyd Tank	VOC	2.92	
FG11	Alkyd Tank	VOC	2.92	
FG12	Alkyd Tank	VOC	2.92	

FG13	Alkyd Tank	VOC	2.92
FG14	Alkyd Tank	VOC	2.92
FG15	Alkyd Tank	VOC	2.92

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>#/hr</u>	<u>TPY</u>
FG16	Alkyd Tank		VOC	2.92
FG17	Alkyd Tank		VOC	2.92
FG18	Alkyd Tank		VOC	2.92
FG19	Alkyd Tank		VOC	2.92
FG20	Alkyd Tank		VOC	2.92
FG21	Alkyd Tank		VOC	2.92
FG22	Alkyd Tank		VOC	2.92
FG23	Alkyd Tank		VOC	2.92
FG24	Alkyd Tank		VOC	2.92
FG25	Alkyd Tank		VOC	2.92
FG26	Alkyd Tank		VOC	2.92
FG27	Alkyd Tank		VOC	2.92
FG28	Alkyd Tank		VOC	2.92
FG29	Alkyd Tank		VOC	2.92
Total for FG02, FG04-FG07 and FG10-FG29			VOC	1.432
PEB01	Polyester Tank		VOC	0.025
PEB02	Polyester Tank		VOC	0.025
PEB03	Polyester Tank		VOC	0.025
PEB04	Polyester Tank		VOC	0.025

PEB05	Polyester Tank	VOC	0.025	
PEB06	Polyester Tank	VOC	0.025	
FB08	Polyester Tank	VOC	0.025	
Total for PEB01-PEB07 and FB08		VOC		0.028

18241
Page 4 of 5

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
Point No. (1)	Name (2)	Name (3)	#/hr	TPY
BT01	Polyester Tank	VOC	0.025	
BT03	Polyester Tank	VOC	0.025	
BT04	Polyester Tank	VOC	0.025	
Total for BT01, BT03 and BT04		VOC		0.045
BT02	Alkyd Tank	VOC	6.94	
BT05	Alkyd Tank	VOC	6.94	
BT06	Alkyd Tank	VOC	6.94	
Total for BT02, BT05 and BT06		VOC		2.4
12	Fume Incinerator	VOC	0.445	1.03
		POC	0.474	2.08
13A & 13AA	Filter Press	VOC	0.103	0.45
13B	Drum Filling Room	VOC	2.89	
13BB	Drum Filling Room	VOC	2.89	
13C	Truck Loading and Unloading Area	VOC	6.94	
13CC	Truck Loading and Unloading Area	VOC	6.94	

13CCC	Truck Loading and Unloading Area	VOC	6.94	
Total for loading, unloading and drum filling		VOC		2.511
21	Curing Agent Bagging Equipment	PM10	0.057	0.25
22	Curing Agent Scrubber	PM10	0.021	0.028
23	Curing Agent Tank	VOC	0.004	0.015

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>#/hr</u>	<u>TPY</u>
24	Mix Tank	VOC	0.004	0.015
30	Inert Gas Generator	POC	0.04	0.176
31	Therminol Heater	POC	8.0	6.79

- (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
 IPDI - isophorone diisocyanate
 TDI - toluene diisocyanate
 ADI - aliphatic diisocyanate
 PM10 - particulate matter <10 microns in diameter
 POC - Products of Combustion of Natural Gas including: VOC, NOx, SO2, PM10 and CO combined
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 CO - carbon monoxide
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8760

Revised_____