

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2035A

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)	Emission Rates *	
			lb/hr	TPY**
MP-066	Bisphenol A Storage	PM	0.01	0.01
MP-069	BPA Solution Tank	VOC	<0.01	<0.01
MP-165	BPA Solution Tank	VOC	<0.01	<0.01
MP-166	BPA Solution Tank	VOC	<0.01	<0.01
FT16021100	Tank	VOC	0.0013	0.006
MP-073	Incinerator Stack	CO	2.70	11.70
		HCl	0.31	1.40
		NO <sub>x</sub>	6.20	27.00
		VOC	0.06	0.25
MP-075	Additives Tank	VOC	0.22	0.06
MP-168	Additives Tank	VOC	0.22	0.06
FV16409300	Additives Tank	VOC	0.22	0.06
MP-265	Decomp System Flare	CO	1.65	7.19
		HCl	1.70	0.58
		NO <sub>x</sub>	0.09	0.40
		VOC	0.04	0.01
MP-076	Fiberglass Storage Vent	PM	<0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
Fugitives	Fugitives (4)	Cl <sub>2</sub>		
		Acetone	0.5	2.3
		0.02	0.09	
		COCl <sub>2</sub>	0.01	0.05
		VOC	3.5	15.5
MP-077	Polycarbonate Silo Vent	PM	1.99	4.2
MP-078	Total for Dry Side Vents	VOC	0.7	2.28
MP-080	Product Finishing Vent	VOC	0.4	1.30
MP-245	Pellet Cleaning	PM	0.6	0.53
M-357	Baghouse	PM	0.25	1.65
FV16273100	Baghouse	PM	0.05	0.22
FV16233500	Baghouse	PM	<0.01	<0.01
FV16298000	Baghouse	PM	0.36	1.58
FF41026100	Ground Flare (5)	CO	<0.01	<0.01
		NO <sub>x</sub>	<0.01	<0.01
FT16213210	Packaging Station Baghouse (No. 1) 162 Area	PM	0.05	0.22
FT16213610	Packaging Station Baghouse (No. 2) 162 Area	PM	0.05	0.22
FT16213930	Bulk Loading Baghouse (No. 1) 162 Area	PM	0.05	0.22

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			<u>lb/hr</u>	<u>TPY**</u>
FT16250100	Bulk Loading Baghouse (No. 2) 162 Area	PM	0.05	0.22
FT16213630	Bulk Loading Baghouse (No. 3) 162 Area	PM	0.05	0.22
DIEOVEN4	Die Oven No. 4	CO	0.10	0.10
		NO <sub>x</sub>	0.05	0.06
		SO <sub>x</sub>	0.003	0.00
		VOC	0.06	0.25
FV40541100	BPA Silo/Truck Loading Vent	PM	0.01	0.01
FV40541200	BPA Railcar Loading Vent	PM	0.01	0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) Cl<sub>2</sub> - chlorine  
CO - carbon monoxide  
COCl<sub>2</sub> - phosgene  
HCl - hydrogen chloride  
NO<sub>x</sub> - total oxides of nitrogen  
PM - particulate matter suspended in the atmosphere including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
SO<sub>x</sub> - sulfur oxides  
VOC - volatile organic compounds (including acetone) 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 limit.
- (5) The ground flare routine emissions are from the pilot. The ground flare is for emergency use only.

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#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

\_\_\_\_ Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year 8,760 Hrs/year

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

Dated April 22, 2005