

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 26489

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, sources, and related activities. 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* (5)	
			lbs/hour	TPY
PX-1	Pre-Treat Hood Exhaust	PM <sub>10</sub>	0.01	0.05
		VOC	0.01	0.04
		NO <sub>x</sub>	0.15	0.66
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.13	0.55
		Hexane	<0.01	0.01
		Formaldehyde	<0.01	<0.01
PX-2	Extruder Die Exhaust No. 1	PM <sub>10</sub>	0.22	0.71
		VOC	0.49	1.55
		Formaldehyde	0.03	0.08
		Acrolein	<0.01	<0.01
		Acetaldehyde	0.01	0.05
		Propionaldehyde	0.01	0.03
		MEK	0.02	0.05
		Acrylic Acid	<0.01	<0.01
PX-3	Extruder Die Exhaust No. 2	PM <sub>10</sub>	0.22	0.71
		VOC	0.49	1.55
		Formaldehyde	0.03	0.08
		Acrolein	<0.01	<0.01
		Acetaldehyde	0.01	0.05

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		Propionaldehyde	0.01	0.03
		MEK	0.02	0.05
		Acrylic Acid	<0.01	<0.01
PX-4	Corona Treat Hood Exhaust	O <sub>3</sub>	<0.01	0.01
PX-5	Pellet Unloading and Storage Area (4)	PM <sub>10</sub>	4.73	0.80
PX-6	Baler Air handling Syste	PM <sub>10</sub>	0.24	1.05
PX-7	Cleaning Operations (4)	VOC	6.55	1.57
PX-8	Primer Station (4)	VOC	0.19	0.82
PX-9	Diesel Storage Tank (4)	VOC	0.01	0.01

- (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, 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 particulate matter greater than 10 microns is emitted.  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 O<sub>3</sub> - ozone  
 CO - carbon monoxide  
 MEK - methyl ethyl ketone
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule listed below and production rates listed in Special Condition No. 5 of this permit:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Date: January 29, 2013