

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18615

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)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>
PO001FL	High-Pressure Polyolefin Flare	CO	0.0	0.0
		NO <sub>x</sub>	0.0	0.0
		SO <sub>2</sub>	0.0	0.0
		VOC	0.0	0.0
PO901CT	Polyolefins Cooling Tower (5)	VOC	3.00	13.15
PP1001LR	Xylene Loading	VOC	0.0	0.0
PP1001AN	Analyzer Vent	VOC	0.14	0.61
PP3001AN	Analyzer Vent	VOC	0.10	0.44
PP12100TK	Tank No. 2100	VOC	5.64	0.0
PP12101TK	Tank No. 2101	VOC	5.64	0.0
PP12203TK	Tank No. 2203	IPA	18.40	0.20
PP12204TK	Tank No. 2204	VOC	5.21	0.38
PP31465VN	Additive Vent	PM/PM <sub>10</sub>	0.26	1.13
PP31470VN	Powder Additive	PM/PM <sub>10</sub>	0.04	0.19
PP31478VN	Powder Additive	PM/PM <sub>10</sub>	0.03	0.14
PP31835VN	Packaging Warehouse	PM/PM <sub>10</sub>	0.31	1.36

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY **
PP31860VN	Test Bin Vent	PM/PM <sub>10</sub> VOC 7.50	0.01 15.00	0.03
PP31865VN	Silo Vent	PM/PM <sub>10</sub>	0.03	0.09
PP31868VN	V-1868 A and B	PM	0.01	0.02
PP3001FE	Process Fugitives (4)	VOC	4.82	21.09

- (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) CO - carbon monoxide  
IPA - isopropyl alcohol  
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>2</sub> - sulfur dioxide  
VOC - volatile organic compounds 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 rate.
- (5) The Polypropylene Cooling Tower authorized by Permit Number 16963 under EPN PP4026CT is also used by Polypropylene Line 3. The emissions for EPN PP4026CT are provided in the MAERT of Permit Number 16963.

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

\_\_\_\_\_ 24 Hrs/day \_\_\_\_\_ 7 Days/week \_\_\_\_\_ 52 Weeks/year

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