

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3372

This table lists the maximum allowable emission rates. The total emissions of air contaminants from any of the sources listed in this table shall not exceed the values stated. 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 sources.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
VPS-001 through VPS-004	Virgin PS Silo Vents	PM	0.24	0.34
PFEXT-01	Process Extruder Feed Bins	PM	0.19	0.54
PFNP-001	Non-Process Fugitives (Flanges, Pumps, Valves, etc.)	VOC	1.88	8.23
PFEXT-002 through PFEXT-004	Extrusion Buildings	VOC	34.32	150.30
RPP-012	Nucleating Agent Silo	PM	0.12	< 0.01
PFEXT-05	Process Extruder Feed Boxes	PM	< 0.01	< 0.01
PFRS-001, PFRS-002	Roll Storage Areas	VOC	34.30	150.30
T/F-001 and T/F-002	Vacuum Pump Vents	VOC	0.69	3.01
PFT/F-01 through PFT/F-03	Thermoformer Buildings	VOC	33.60	147.30
PFWH-070 through PFWH-072, and y8PFWH-074	Warehouses	VOC	13.47	59.00
T-4	Filler Silo Vent	PM	0.09	0.39
T-19	Super-Sak Collector	PM	0.39	1.71

RTO-001	Regenerative Thermal Oxidizer	VOC	12.04	53.29
		NO <sub>x</sub>	1.68	3.15
		CO	0.42	0.66
		SO <sub>2</sub>	<0.01	0.02
		PM	0.05	0.23
DRY-01 through DRY-04	Reclaim Extruder Dryers	VOC	0.24	1.07
RPP-001 through RPP-011	Reclaim Resin Silo Vents	PM	0.05	0.20
FPP-001	TFPP Flake Silo Vent	PM	0.15	0.66
VPP-001 and VPP-002	TFPP Virgin Silo Vents	PM	0.12	0.05
PFTP-001	TFPP Extruders	VOC	0.09	0.39
		PM	0.24	1.05
OPS-001	OPS Thermoformers	VOC	<0.01	<0.01
FOPS-01 and FOPS-02	OPS Flake Silo Vents	PM	0.41	1.79
ROPS-001 and ROPS-002	OPS Resin Silo Vents	PM	0.02	0.08
PFCT-01	Cooling Towers	PM	< 0.01	< 0.01
WHH-70 through WHH-74	Warehouse Heaters	VOC (combustion)	0.04	0.18
		NO <sub>x</sub>	0.71	3.11
		SO <sub>2</sub>	< 0.01	0.06
		PM	0.05	0.24
		CO	0.60	2.64

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
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.

\* 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 or 8,760 Hrs/year

Dated May 2, 2005