

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 Rates *	Source	Air Contaminant	Pre-RT0		Post-RT0	
			Emission Rates *		Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY	lb/hr	TPY
VPS-001 through VPS-004	Virgin PS Silo Vents	PM	0.04	0.08	0.24	0.34
PFEXT-01	Process Extruder Feed Bins	PM	0.06	0.13	0.19	0.54
PFNP-001	Non-Process Fugitives (flanges, pumps, valves, etc.)	VOC	1.88	8.23	1.88	8.23
PFEXT-002 through PFEXT-004		Extrusion Buildings VOC			10.42	44.98
			34.32	150.30		
RPP-012	Nucleating Agent Silo	PM	< 0.01	< 0.01	0.12	< 0.01
PFEXT-05	Process Extruder Feed Boxes	PM	< 0.01	< 0.01	< 0.01	< 0.01
PFRS-001, PFRS-002	Roll Storage Areas	VOC		10.42	44.98	34.30
			150.30			
T/F-001 and T/F-002	Vacuum Pump Vents	VOC		0.22	0.90	0.69
			3.01			

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PFT/F-01 through PFT/F-03	147.30 Buildings	Thermoformer	VOC	10.20	44.08	33.60
PFWH-070-072, and PFWH-074	Warehouses	VOC	15.48	66.88	13.47	59.00
RT0-001	Regenerative Thermal 53.29 Oxidizer	VOC	0	0	0	12.04
		NO <sub>x</sub>	0	0	1.68	3.15
		CO	0	0	0.42	0.66
		SO <sub>2</sub>	0	0	< 0.01	0.02
		PM	0	0	0.05	0.23
DRY-01 through DRY-06	Reclaim Extruder	VOC	1.83	7.91	0.24	1.07
RPP-001 through RPP-011	Reclaim Resin Silo 0.20 Vents	PM	0.02	0.02	0.05	0.05
FPP-001	TFPP Flake Silo Vent	PM	0.02	0.74	0.15	0.66
VPP-001 and VPP-002	TFPP Virgin Silo Vents	PM	0.02	0.03	0.12	0.05
PFTP-001	TFPP Extruders	VOC	0.08	0.34	0.09	0.39
		PM	0	0	0.24	1.05
OPS-001	OPS Thermoformers	VOC	< 0.01	< 0.01	<0.01	<0.01
FOPS-01 and	OPS Flake Silo	PM	0.41	1.79	0.41	1.79

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FOPS-02	Vents					
ROPS-001 and ROPS-002	OPS Resin Silo Vents	PM	0.02	0.08	0.02	0.08
PFCT-01	Cooling Towers	PM	<0.01	<0.01	< 0.01	< 0.01
WHH-70 through WHH-74	Warehouse Heaters 1.60	POC		1.60	1.60	1.60
8A/B, 12A, and 16A/B	Fluff/Reclaim Bins	VOC PM	85.44 0.57	369.10 2.04	0 0	0 0
20 through 23	Reclaim Extruder Vents	VOC	6.96	30.05	0	0

(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 30 Texas Administrative Code Section 101.1

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

POC - products of combustion: VOC, NO<sub>x</sub>, SO<sub>2</sub>, PM, and CO

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\* 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\_\_\_\_\_