

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-RTO		Post-RTO	
			Emission Rates *		Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr		TPY	lb/hr
	TPY					
VPS-001 thru VPS-004	Virgin PS Silo Vents	PM	0.04	0.08	0.24	0.34
PFEXT-01	Process Extruder Feed Bins 0.54	PM	0.06		0.13	0.19
PFNP-001	Non-Process Fugitives (flanges, 8.23 (pumps, valves, etc.)	VOC	1.88		8.23	1.88
PFEXT-002 thru 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 <0.01	PM	<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
PFT/F-01 thru PFT/F-03	Thermoformer Buildings.	VOC	10.20	44.08	33.60	147.30
PFWH-070 thru PFWH-072, and PFWH-074	Warehouses	VOC	15.48	66.88	13.47	59.00
RTO-001	Regenerative Thermal Oxidizer 53.29	VOC		0	0	12.04
		NO _x	0	0	1.68	3.15
		CO	0	0	0.42	0.66
		SO ₂	0	0	<0.01	0.02

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Emission Rates *	Source	Air Contaminant	Pre-RT0 Emission Rates *		Post-RT0 Emission	
			lb/hr		TPY	lb/hr
Point No. (1)	Name (2)	Name (3)				
	TPY					
		PM	0	0	0.05	0.23
DRY-01 thru DRY-04	Reclaim Extruder Dryers	VOC	1.83	7.91	0.24	1.07
RPP-001 thru RPP-011	Reclaim Resin Silo Vents	PM		0.02	0.05	0.05
	0.20					
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 FOPS-02	OPS Flake Silo Vents	PM	0.41	1.79	0.41	1.79
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 thru WHH-74	Warehouse Heaters	POC	1.60	1.60	1.60	1.60
8A/B, 12A, and 16A/B	Fluff/Reclaim Bins	VOC	85.44	369.10	0	0
		PM	0.57	2.04	0	0
20 thru 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) VOC - volatile organic compounds as defined in General Rule 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY lb/hr
	TPY			

PM - particulate matter

CO - carbon monoxide

POC - products of combustion: VOC, NO_x, SO₂, PM, and CO

* 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 _____