

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 77713

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)	Emission Rates	
			lb/hr	TPY**
FugProdMfg (4)	Fugitive Emission Area XPS Equipment Leaks Only	HFC	0.87	3.80
FugProdMfg	Fugitive Emission Area Foam Line Emissions Only	PM	0.03	0.13
ME 1515, ME 1562, FL1800, ME1835, FugProdMfg	Extrusion Die Vent	HFC	291.00	424.00
	Expansion Vent	PM	2.06	9.01
	Finishing Vent Filter	Styrene	2.18	3.14
	Recycle Extruder Vent	Ethylbenzene	5.99	1.70
	Fugitive Emission Area -XPS	Acrylonitrile	0.43	0.11
FL1269	1269 Powder Additive Vent Filter	PM	0.01	0.06
FL1200-1	Unloading Filter Vent	PM	0.13	0.07
FL1200-2	Virgin Silo, SAN Silo, and Recycle Silo Filter Vent	PM	0.12	0.10
FL1205	1205 Recycle/Virgin Day Hopper Filter Vent	PM	0.12	0.04
Planned Maintenance, Start-up, and Shutdown				
XPSMSSBA	MSS IN V-1121 area	HFC	760.98	0.38
XPSMSSEXT	MSS in extruder area	HFC	255.98	0.13
XPSMSSSOL	MSS in solids handling area	HFC	482.00	11.60
		PM	0.50	< 0.01
XPSMSSOVEN	Vacuum Oven	Styrene	< 0.01	< 0.01
		Ethylbenzene	< 0.01	< 0.01
		Acrylonitrile	< 0.01	< 0.01
		PM	< 0.01	< 0.01

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) HFC - hydrofluorocarbon
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM_{2.5} - particulate matter less than 2.5 microns
PM₁₀ - particulate matter of 10 microns or less
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Date February 17, 2011