

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
FugProdMfg	Fugitive Emission Area - XPS Equipment Leaks Only (5)	HFC	2.40	10.50
FugProdMfg	Fugitive Emission Area Foam Line Emissions Only	PM	0.03	0.13
FugProdMfg, ME1515, ME1562, FL1800, and ME1835	Fugitive Emissions Area - XPS, Extrusion Die Vent, Expansion Vent, Finishing Vent Filter, and Recycle Extruder Vent	HFC PM Styrene Ethylbenzene Acrylonitrile	291.00 2.06 2.18 5.99 0.43	422.54 9.01 3.14 1.70 0.11
FugStorAux	Fugitive Emission Auxiliary Area - XPS	HFC	0.33	1.46
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

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) HFC - hydrofluorocarbons
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: June 1, 2012