

(Continued)

<u>Equipment</u>	<u>Throughput</u>		<u>Pollutant</u>	<u>Emissions</u>	
	<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>		<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
Resin Compounder*	930	10,950	PM	106	0.63
Injection Molding Department (Resin)	500	5,000	PM	624	3.12
			VOM	400	2.0
Mold Release Agent	0.2	2	VOM	400	2.0
Extrusion Department (Resin)	2,000	20,000	PM	2,893	14.46
			VOM	1,600	8.0
Grinding Department	2,500	25,000	PM	2,419	12.10

* Controlled by baghouse

These limits are based on particulate emission rates from emission limitations in 35 Ill. Adm. Code 212.321, VOM emissions = material VOM content x material usage, maximum total PWR of 4.6 tons/hour for Injection Molding Department, a maximum total PWR of 3.34 tons/hour for the Extrusion Department, and the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.
5. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
6. The Permittee shall maintain the following records:
 - a. Type, material through (tons/month and tons/year), VOM and HAP content (% weight), VOM and HAP emissions (lb/month and tons/year) from the molding machines and extrusion machines for the following materials:
 - i. Plastic resins;
 - ii. Mold release agents; and
 - iii. Any other VOM or HAP containing material.
 - b. Amount and type of resins used in the resin compounder, storage silos, and grinders (tons/month and tons/year).

7. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
8. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
9. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

If you have any questions on this, please call Mike Dragovich at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:MJD:psj

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the plastic manufacturing facility operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. The resulting maximum emissions are well below the levels, e.g., 25 tons/year of VOM, at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, and control measures are more effective than required in this permit.

<u>Equipment</u>	<u>PM Emissions (Tons/Year)</u>	<u>VOM Emissions (Tons/Year)</u>
Storage and Transfer* (Total)	2.37	
Resin Compounder*	0.63	
Injection Molding Department (Resin)	3.12	2.0
Mold Release Agent		2.0
Extrusion Department (Resin)	14.46	8.0
Grinding Department	<u>12.10</u>	
Totals	<u>32.68</u>	<u>12.0</u>

* Controlled by baghouse

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