

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Scheduled Inspection

U4114155527933

FACILITY: PUR Forms		SRN / ID: U411415555
LOCATION: 615 Chatham Street, Lowell		DISTRICT: Grand Rapids
CITY: Lowell		COUNTY: KENT
CONTACT: Rick Raimer, President		ACTIVITY DATE: 12/05/2014
STAFF: Denise Plafcan	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Initial compliance inspection a true minor source no SRN issued.		
RESOLVED COMPLAINTS:		

Denise Plafcan (DP) conducted an unannounced scheduled inspection to determine compliance with state and federal Air Quality rules and regulations. DP drove around the area prior to entering the facility. There were no odors and no apparent malfunctions. DP met with, Rick Raimer, President, and after a brief introduction and discussion, DP explained the purpose of the inspection and reviewed the Environmental Inspection brochure. Both Rick and Allen Raimer, Operations Manager, were the escorts on the inspection.

PUR Forms, Inc. use a process similar to Reaction Injection Molding (RIM), the only difference is the method the material is added to the mold, injection or open mold. The company has been in operation since 1995 and at this location since 2003. They occupy ~66,000 square feet of the total facility of 111,000 square feet. The other part of the building and the large tanks north of the plant are part of the Lowell Power and Light Bio Digester. Much of PUR Form's portion is used for storage but they are planning a small expansion into one of the storage areas. They have 3 shifts (2 partial shifts) and run between 5 to 7 days a week. They use water borne mold release and wax and water borne in-mold coating. They produce a wide range of products from small, an inch or less, to larger sheets, 2' X 4', used for floor mats. The hardness of the item can also vary from almost a firm solid piece to a very soft gel-like material. They agreed to submit electronic records by December 12, 2014 (records were received December 19, 2014).

In the tooling/machining area of the plant, the company manufacturers all of their own molds on-site. This area also has a parts cleaner that can be heated with surface area dimensions of 8.75 square feet and uses mineral spirits attached is an electronic copy of the MSDS. The unit was closed and not operational and Rick said it is not used very often.

RIM is considered exempt from Rule 201 permitting requirements under a Rule 286(e) exemption. The parts washer is also exempt under a Rule 281(h). They are not subject to NESHAP III or MMMMM which are for foam related products, because the foam parts they manufacturer are considered open cell foam.

Purchase records from January 2014 were submitted and the highest month purchase was September 2014 (paper copy attached). Isocyanate 13180 gallons, Polyol 35380 gallons, Acetone 358 gallons, various mold release agents 247 gallons.

Based on the physical inspection and the amount and materials used the facility appears to be in compliance with state and federal Air Quality rules and regulations.

NAME Denise Plafcan DATE 1-6-14 SUPERVISOR PMB