

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

U75141381827708

|   |                               |                           |
|---|-------------------------------|---------------------------|
| FACILITY: Denarco, Inc.                   |                               | SRN / ID: U751413818      |
| LOCATION: 301 Industrial Dr., Constantine |                               | DISTRICT: Kalamazoo       |
| CITY: Constantine                         |                               | COUNTY: SAINT JOSEPH      |
| CONTACT: Scott Karle                      |                               | ACTIVITY DATE: 11/03/2014 |
| STAFF: Dennis Dunlap                      | COMPLIANCE STATUS: Compliance | SOURCE CLASS: Minor       |
| SUBJECT:                                  |                               |                           |
| RESOLVED COMPLAINTS:                      |                               |                           |

This was not an announced inspection. The inspection brochure was handed out. Scott Karle is the contact person.

The facility makes weather stripping. Foam material is added into a tank with wax, acrylic, carbon black, and an anti-foam agent. The foam is then dried in an oven at 275 degrees. The oven is vented outside. Adhesive film is then placed on the foam. The film sticks to the foam on one side and has an adhesive backed surface on the other side that has a covering that would need to be peeled off. The foam is then cut into the desired lengths and shapes. This is done by a machine. There are no outside emissions from this machine.

About 2 cups of antifoam is used per batch. This is roughly one gallon per month and 4 pounds of VOC. This is within Rule 290 limits. The wax contains no VOC according to the MSDS. The acrylic contains 0.06% formaldehyde according to the MSDS. The usage rate of the acrylic is eight 55 gallon drums per month. This calculates out to about 22 pounds of formaldehyde per month. This is over the Rule 290 limit of 20 pounds. It is recommended that a permit for this process be obtained. The carbon black usage is about one gallon per month and the VOC emissions are within Rule 290 limits.

NAME Dennis DunlapDATE 11/19/14SUPERVISOR MO 11/19/2014