

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: <i>Minor</i>
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 2.2 pounds of formaldehyde per month. The carbon black usage is about one gallon per month and the VOC and formaldehyde emissions are within Rule 290 limits. The facility should keep monthly usage amounts of the acrylic, Nalco anti-foam, and the carbon black. The facility appears to not need an air use permit.

NAME *Dennis Dunlap*      DATE *12/15/14*      SUPERVISOR *MA 12/15/2014*