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

N795728001

FACILITY: Diverse Retaining Solutions		SRN / ID: N7957
LOCATION: 31500 PAMCO COURT, LIVONIA		DISTRICT: Detroit
CITY: LIVONIA		COUNTY: WAYNE
CONTACT:		ACTIVITY DATE: 12/05/2014
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : 12/5/2014  
 TIME OF INSPECTION : 1:00 pm  
 LEVEL OF INSPECTION : II  
 NAICS CODE :  
 EPA POLLUTANT CLASS : VOC  
 INSPECTED BY : Jill Zimmerman  
 WEBSITE : www.demase.net  
 PERSONNEL PRESENT : Eric Lewis, CEO  
 EMAIL : eric@demase.net  
 FACILITY PHONE NUMBER : 734-953-5880  
 FACILITY FAX NUMBER : 734-953-0788

**FACILITY BACKGROUND**

Diverse Retaining Solutions (DRS) is located at 31500 Pamco Court in Livonia, just south of the Schoolcraft Road and Merriman Road intersection. The facility operates about one shift per day as needed based on job orders. The facility adds a polymer onto a bolt to aid in assembly. The majority of the work is automotive based. This company has been at this location for about 2 years.

Eco Engineering Solutions was an additional company that the owner of DRS tried to start using solar panels to sell power back to Detroit Edison (DTE) through a program developed by DTE. Unfortunately DTE has canceled this program.

Armorclad was the former occupant of this location. Armorclad was a chrome plating facility, operating under permit 39-08.

**COMPLAINT/COMPLIANCE HISTORY**

No complaints have been received regarding this facility. The facility has no past compliance issues.

**PROCESS EQUIPMENT AND CONTROLS**

Metal bolts are brought into the facility and placed in the drum spinner where they are all lined up. Then a bit of polymer is applied to the part. Next the parts are packaged to be sent to the customer. No parts of the process vent externally.

**INSPECTION NARRATIVE**

I arrived at the facility on Friday December 5, 2014 at 1:00 pm to meet with Mr. Eric Lewis, CEO. Mr. Lewis explained the process to me. He said that when DRS moved into the facility, most of the equipment from Armorclad had been removed, and the remaining equipment was removed shortly afterwards. Mr. Lewis said that the owner of the building had to abate part of the facility after chrome was found. DRS did not operate for about a week while this process was completed.

Next we walked through the facility. The process line was not operating during the onsite inspection. The parts are placed into the bowl feeder. Next the parts pass through an induction heating unit, where the poly urethane material is dripped onto the bolt. The parts travel along the conveyor belt to the packaging area where they are packaged for the customer.

#### APPLICABLE RULES/PERMIT CONDITIONS

The application of poly urethane onto the bolts would be exempt from permitting based on Rule 287 (c). The facility used about 12 Kg of polyurethane per month, which is 26.5 lb.

Armorclad is no longer operating at this location. All of the permitted equipment has been removed from this location. Permit 39-08 for the chromium plating process can be voided because all of the equipment has been removed from this location.

#### MAERS REPORT REVIEW

This facility is not required to submit MAERS.

#### FINAL COMPLIANCE DETERMINATION

Diverse Retaining Solutions appears to be operating in compliance with all state and federal regulations.

NAME Jill Zimmerman DATE 1/13/15 SUPERVISOR -JK