

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

N320229255

FACILITY: Inergy Automotive System		SRN / ID: N3202
LOCATION: 2585 W MAPLE RD, TROY		DISTRICT: Southeast Michigan
CITY: TROY		COUNTY: OAKLAND
CONTACT: William Starrs III, Laboratory Manager		ACTIVITY DATE: 03/30/2015
STAFF: Joyce Zhu	COMPLIANCE STATUS: Compliance	SOURCE CLASS: <i>Minor</i>
SUBJECT: Annual inspection		
RESOLVED COMPLAINTS:		

On 3/30, I conducted an annual inspection at Inergy Automotive System, located on 2585 W. Maple Rd., Troy. In AQD files, there is an active permit (# 1033-91) issued to Solvay Automotive, Inc. for the same location. I arrived at the site around 10:55 AM. I introduced myself to Mr. William Starrs III from the company & explained the purpose of the inspection. Mr. Starrs told me that Solvay Automotive, Inc. had merged with Inergy. Inergy has been in this location since 2001.

Inspection:

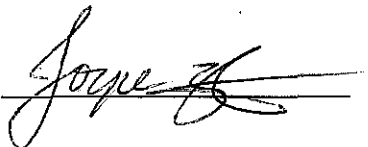
The facility conducts tests for the fuel tanks. Such tests involve geometric validation, durability evaluation, filling performance, etc. Most of the activities are vented inside the plant, except for the SHED (shield housing evaporative determination) chambers & a test for the charcoal canister. There are two SHED chambers where they tests for the escape of the VOC from the fuel tank. The test lasts 24 hours. According to Mr. Starrs, the most concentration of the VOC from the chamber was 15 ppm. They test for the charcoal canister is to see how much VOC would the canister hold before breakthrough. According to the company's estimate, the worst case VOC emission from each of the SHED chambers is 24 grams (0.05 lb) per month; from the canister bench loads is 36 grams (0.08 lb) per month. These operations can be exempted from permit to install requirements per Rule 290.

Permit # 1033-91

This permit covers a plastic blow mold process, twelve gas cylinders which consist of 10% fluorine gas & 90% nitrogen, & a fluorine blend tank. During the inspection, all of the equipment has been removed from the site.

In conclusion, the facility appeared to be in compliance with the Air Quality Regulations. Since all the equipment under Permit #1033-91 has been removed, I will advise permit section to void the permit.

NAME



DATE

4/29

SUPERVISOR

CJE