

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

N560027791

FACILITY: Premier Autobody Repair & Painting dba Maaco Colli		SRN / ID: N5600
LOCATION: 14080 23 MILE RD, SHELBY TWP		DISTRICT: Southeast Michigan
CITY: SHELBY TWP		COUNTY: MACOMB
CONTACT: Alan Edwards, President		ACTIVITY DATE: 11/17/2014
STAFF: Sebastian Kallumkal	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Onsite Inspection		
RESOLVED COMPLAINTS:		

On Monday, November 17, 2014, I conducted a scheduled targeted inspection at Premier Auto body Repair and Painting, Inc. dba Maaco Collision Repair and Auto Painting located at 14080 23 Mile Road, Shelby Township, Michigan. This business is a franchise of Maacco Collision Repair and Auto Painting. The purpose of the inspection was to verify facility's compliance with requirements of Article II, Air Pollution Control, Part 55 of Act 451 of 1994 and the General Permit to Install No.: 148-06 for Coating Line Emitting up to 10 Tons per Year of Volatile Organic Compounds (VOC).

I arrived at the facility at about 1:00 PM. I met Mr. Allan (Al) Edwards, President. I introduced myself and stated the purpose of the visit. During the pre-inspection meeting he told me that they did not have change in their processes or hasn't installed any new booths. He indicated that they are not painting today and they in the process of changing the exhaust filters. They change the exhaust filters every couple of weeks. He provided me with the usage and VOC/HAP emissions records for 2013 and later mailed the 2014 records.

Later he accompanied me for an inspection for the facility. It has two paint booths. They are semi-down draft booths. The intake air comes in from the top of the booth and is exhausted through side walls and via an exhaust stack. He informed me that the intake air filter is replaced once per year and exhaust air filter is replaced once per two weeks. The operators also monitor a differential pressure monitor to evaluate the dirtiness of the exhaust filters. The booth is also used as bake/cure oven for the painted cars. They were in the process of replacing filters for both booths. The booths were not in use at the time of my inspection.

It also has a paint mix room. The paint is received in quart size cans and is mixed as necessary with solvent thinners. The facility uses HVLP guns for paint spray. Some of the cars may undergo single stage coating or multi-stage (base coat and clear coat separately) coating. The operators also use rags (dry wipes) to wipe down the cars. The facility also does paint stripping using solvents (rare occasions only). He informed me that he does not use the booths all the time due to lack of work.

The facility has a parts washer to clean the guns. The thinner solvent is used to clean the guns. I observed that the parts washer cover was closed during time of the inspection. I informed him about Rule 611/707 requirements including the requirements for posting an operating procedure near the cleaner and draining the parts for 15 seconds prior to taking out of the cleaner. I provided him a copy of the cold cleaner operating procedure prepared by MDEQ.

The facility generates about 5-6 55 gal drums of waste per year. It is hauled out. He told me he is keeping manifests for the wastes. The facility uses 3-4 55 gal drums of thinner per year.

He had submitted initial notification to USEPA regarding 40 CFR 63, Subpart HHHHHH--NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS: PAINT STRIPPING AND MISCELLANEOUS SURFACE COATING OPERATIONS AT AREA SOURCES.

Based on the Coating Usage Chart summary for 2013, the facility used about 404 gallons of coatings and emitted 1808 pounds of VOC in 2013. Facility's VOC emissions are not controlled.

2014 (to date) Coating Usage Chart summary: Coatings Usage = 462 gal and VOC = 1986 lb. Facility's VOC emissions are not controlled. The facility is operated 5 days per week and 1 shift per day. It has

about 7 employees.

**Conclusion:** Based on the inspection and records review, the facility appears to be in compliance with the requirements of General Permit No. 148-06.

NAME S. Kallumkal

DATE 11/21/14

SUPERVISOR CJE