

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

ACTIVITY REPORT: Self Initiated Inspection

*FY 2015 Insp*

U6311033831059

FACILITY: Maaco Auto Painting & Bodywork		SRN / ID: U63110338
LOCATION: 10669 Northend, Oakpark		DISTRICT: Southeast Michigan
CITY: Oakpark		COUNTY: OAKLAND
CONTACT: <i>88</i>		ACTIVITY DATE: 09/01/2015
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2015 inspection of Maaco Auto Painting and Bodyworks ("Maaco")		
RESOLVED COMPLAINTS:		

*U 63 11 0338 - SAR - 2015 09 01*

**Maaco Auto Painting and Bodyworks (U-63-11-0338)**  
10669 Northend Road  
Ferndale, MI 48220-2136

**FY 2011 Complaint: C-11-01141, PEAS No. 3295**

**Subject to: NESHAP / MACT 6H, 40 CFR, Part 63, Subpart HHHHHH, National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources; Final Rule (Page 1738 Federal Register / Vol. 73, No. 6 / Wednesday, January 9, 2008 / Rules and Regulations / Final Rule).** The NESHAP is for area sources engaged in paint stripping, surface coating of motor vehicles and mobile equipment, and miscellaneous surface coating operations. AQD has decided not to take delegation of these standards and therefore no attempt has been made evaluate Maaco's compliance with NESHAP / MACT 6H.

On September 01, 2015, I conducted a level-2 self-initiated inspection of Maaco Auto Painting and Bodyworks ("Maaco") located at 10669 Northend Road, Ferndale, MI 48220-2136. The inspection was conducted to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451 and Michigan Department of Natural Resources and Environment, Air Quality Division (MDEQ-AQD) administrative rules.

Mr. Kurt Seifert (Ph: 248-541-3147; Fax: 248-541-5341), Owner, assisted me during the inspection.

Mr. Michael Odum (Phone: 610-265-6606; Mobil: 704-231-0055; E-mail: modum@maaco.com), Maaco Corporate Operations Manager, was present during FY 2011 inspection and complaint investigations.

Maaco operates two paint spray booths: Old (1989) and New (2005).

**Old (1989) Booth**

24 ft. W \* 14 ft. D \* 10 ft. H paint spray booth is equipped with 12-panel back-draft dry filter system on the back. Magneheilic monitor is present to measure pressure drop ( $\Delta P$ ) across the filters. Intake air filters are present on one side.

**New (2005) Booth**

24 ft. W \* 14 ft. D \* 10 ft. H paint spray booth is equipped with a filter system housed in a cabinet; pleated filters to increase surface area for reduced pressure drop ( $\Delta P$ ). Magneheilig monitor is present to measures pressure drop ( $\Delta P$ ) across the filters. Air-intake filters are also present on the ceiling.

Each booth has its own stack; two stacks in all; cylindrical stack for old booth and square stack for new booth. Each booth is equipped with flappers inside resulting in reduced discharge velocity due to pressure drop. Flappers also result in greater electrical energy consumption.

Both basecoat (BC) and clearcoat (CC) coatings are solvent based. About 120 cars were painted in August 2015. That is approximately equivalent to 70 gallons of coatings per month (< 200 gal/mo).

About 70 gallons of paint per are used based upon estimates although the usage record is not kept. However, coating records of cars painted are kept. Records can be obtained from Du Pont, sole supplier of paints and solvents. The booth is exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.287(c).

During FY 2011 inspection, I talked to Mr. Odum regarding NESHAP / MACT 6H. I asked him deal directly with US EPA and refer to DEQ's web site and training materials for assistance.

**Complaints C-11-01141, PEAS No. 3295**

On March July 29, 2011, Michigan Department of Environmental Quality (MDEQ), Air Quality Division (AQD) received the complaint from Ms. P. Williams (Ph: 248-543-4596), 21348 Majestic St., Ferndale (Royal Oak Twp.), Michigan, regarding toxic fumes in the neighborhood allegedly from Maaco Auto Painting and Bodyworks ("Maaco").

Being a collision / painting shop, Maaco has odor potential. The odors I smelled did not rise up to Rule 901 standard (intensity, frequency and duration).

**Conclusion:**

Two paint spray booths with odor potential.

NAME J. Stenmark DATE 09/09/2015 SUPERVISOR CJE