

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

FY 2015 Insp

U6314649530657

FACILITY: Steve's Autobody	SRN / ID: U63146495
LOCATION: 57440 10 Mile Road, South Lyon	DISTRICT: Southeast Michigan
CITY: South Lyon	COUNTY: OAKLAND
CONTACT: Steve Lloyd, Owner	ACTIVITY DATE: 07/23/2015
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance
SUBJECT: FY 2015 inspection of Steve's Autobody ("Steve's")	SOURCE CLASS:
RESOLVED COMPLAINTS:	

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Steve's Autobody (U-63-14-6495)
57440 10 Mile Road
South Lyon, Michigan 48178-

Rule 336.287(c)

On July 15 and July 23, 2015, I conducted a level 2 self-initiated inspection of Steve's Autobody ("Steve's"), 57440 10 Mile Road, South Lyon, Michigan 48178-. 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 Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

During the inspection Mr. Steve Lloyd (248-446-7314), assisted me.

One collision stop style paint spray booth (not down-draft, no intake air filters, instead floors are wetted to control dust that potentially can damage paint finish) with a back-draft dry filter system is present. Mostly solvent-based paints are used. Paint usage records are not kept; Mr. Lloyd, stated that about 10 gallons of paint per month was used.

I asked Mr. Steve Lloyd to install and inspect the filters such that they fit, at all times, snugly without gaps and holes. I also asked him to keep records of paint and solvent usage according to Rule 336.287(c).

The booth is exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.287(c).

Upon keeping usage records, the coating booth meets all of the Rule 336.1287(c) conditions:

1. The coating use rate is not more than 200 gallons, as applied, minus water, per month.
2. Any exhaust system that serves only coating spray equipment is supplied with a properly installed and operating particulate control system.
3. Monthly coating use records are maintained on file for the most recent 2-year period and are made available to the air quality division upon request.

During the prior investigations in 2014-2015, Mr. Sam Liveson of AQD and I asked Steve Lloyd to paint while I conducted odor observations downwind of the paint spray booth, which is equipped with a backdraft dry filter system for overspray paint particles. I could barely detect solvent (while clearcoat is always solvent-based coatings, basecoat may either be water-based or solvent-based), odor (odor level 0-1) on low wind (3-5 mph) day at the

downwind locations. On this day, stack was not present and discharge was downdraft; later (about July 2015) no-energy-loss rain protected vertical discharge stack was installed.

On February 20, 2015, Steve Lloyd stated that he painted, on February 18 (C-15-00383, Received: 02/19/2015; Incident: 02/18/2015, 5 pm) from 11 am to 2 pm, a fender and a hood using 8 oz. basecoat and 8 oz. clearcoat (1 US gallon = 128 US fluid ounce and 1 liter = 33.81402 = US fluid ounce). Being a low volume collision shop, this is a typical amount of paint Steve's sprays.

On May 22, 2015, Steve stated that he would install a vertical discharge stack by June 10, 2015. When I inspected on June 09, 2015, the stack was not installed yet. He stated that he would complete the installation by the end of the day (June 09, 2015). When I called him on June 10, 2015, he stated that he completed the installation on June 09, 2015.

Based upon June 23, 2015, inspection, Steve's installed a stack and Steve Lloyd stated that he would remove the rain cap and replace it with no-energy-loss rain protection with vertical discharge. On July 15, 2015, the rain cap was not removed. On July 23, 2015, I confirmed that rain cap was removed and a 5-foot tall rain protection sleeve that allows vertically upward discharge of exhaust gases was installed in its place.

There are intense and aggressive disputes between the complainant and Steve's Autobody over trivia matters. Both are using police agencies, and the complainant is using MDEQ-AQD, to further their cause / interest in the ongoing disputes.

Per local Zoning, Steve's operates under non-conforming grandfathered clause; i.e. South Lyon at this time will not approve Steve's Collision Shop at this residential location.

Conclusion

All complaints are resolved and it is concluded that the complaints are about neighborhood disputes.

NAME J. S. Penahalli

DATE 08/17/2015

SUPERVISOR CJE