

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

*FY 2014 Insp*

U6314267225006

FACILITY: Kennedy Industries, Inc.	SRN / ID: U63142672
LOCATION: 4975 Technical Dr.	DISTRICT: Southeast Michigan
CITY: Milford	COUNTY: OAKLAND
CONTACT:	ACTIVITY DATE: 03/28/2014
STAFF: Iranna Konanfahalli	COMPLIANCE STATUS: Compliance
SUBJECT: FY 2014 inspection of Kennedy Industries, Inc.	
RESOLVED COMPLAINTS:	

*E-file: U63 14 2672 - SAR - 2014 03 28*

**Kennedy Industries, Inc. (U-63-14- 2672)**  
**4975 Technical Dr.**  
**Milford, Michigan 48381-**

On March 28, 2014, I conducted a level 2 self-initiated inspection of Kennedy Industries, Inc. ("Kennedy") located at 4975 Technical Dr., Milford, Michigan 48381-. 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.

Kennedy is at this location since 1990 and employs 40-50.

During the inspection, Brian Alexander, Machinist Forman, assisted me.

Mr. Mike Horn (Phone: 248-684-1200- Cell: 810-599-7019; Fax: 248-684-1826; E-mail: mhorn@kennedyind.com), Repair Center Manager, was not available due to vacation.

Kennedy is in the business of selling, repairing pumps, piping and valves. Pumps are not manufactured.

### **Cold-cleaners**

There are four identical Crystal Clear 3'x4' parts cold-cleaners with spray a brush and a solvent tank. The cold-cleaners are subject rule 336.611 or 336.1707 depending on if it is new or existing. A cold-cleaner is exempt from Rule 336.1201 pursuant to Rule 281(h) or Rule 285 (r)(iv). Existing cold cleaners were placed into operation prior to July 1, 1979. New cold cleaners were placed into operation on or after July 1, 1979.

The units may be described as a "sink on a tank" type. The solvent is stored in the drum (enclosure reservoir) of about 40 gallons capacity. Parts are placed in the sink area and solvent is pumped over the part. The solvent then drains back into the tank. Mineral spirits, a low vapor pressure organic solvent, is used as a cleaner.

Mechanically assisted lids were closed during the FY 2014 inspection.

I gave DEQ's decals for "cold-cleaner operating procedures" for posting and complying with work-practice rules. I asked the company to follow the common sense work practice in the procedures.

### **Rule 287(c) Paint Spray Booth**

One water-based paint spray booth (15 ft. W x 15 ft. D \* 15 ft. H) with a back-draft dry filter system is present. Most paints are water based. Paint usage records are not kept; Painter, stated that about 10 gallons of paint per month was used

I asked Mr. Brian Alexander 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.

### Lathes, CNC, boring machines

9 lathes, 1 boring mill, 3 CNC, 3 grinding machines are present. None of these machines exhaust to outside ambient air; no air filtration device is present. One portable Torit filter is present for use for any particulate matter emitting source.

Two Zero sand blast machines are present. Each is equipped with its own air pollution control device (APCD). Each APCD consists of a cyclone with 20 gallon tank for dust collection and 20-bag cabinet baghouse arranged in series. Manual shaker mechanism is used for bag cleaning.

The machines are exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285 (l).

### Conclusion

All process equipment are exempt from Rule 336.1201.

NAME J. Shevach DATE 04/25/14 SUPERVISOR CTE