

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

N653836599

FACILITY: WELDMATION INC <i>New: W International</i>	SRN / ID: N6538
LOCATION: 31720 STEPHENSON HIGHWAY, MADISON HTS	DISTRICT: Southeast Michigan
CITY: MADISON HTS	COUNTY: OAKLAND
CONTACT: Kyle Kilby, MP&L Manager	ACTIVITY DATE: 08/09/2016
STAFF: Rebecca Loftus	COMPLIANCE STATUS: Compliance
SUBJECT:	SOURCE CLASS: MINOR
RESOLVED COMPLAINTS:	

On August 9, 2016, I, Rebecca Loftus, from the Department of Environmental Quality's (DEQ), Air Quality Division (AQD), conducted an inspection of W International (Previously Weldmation), State Registration Number (SRN): N6538, located at 31720 Stephenson Highway, in Madison Heights, Michigan. The purpose of this inspection was to determine the facility's compliance with the Federal Clean Air Act Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act of 1994, PA 451, as amended, and Michigan's Air Pollution Control Rules.

Weldmation was last inspected in 2010 and is no longer in business at this location. W International moved into the building in 2014/2015.

Contacts

Kyle Kilby, MP&L Manager, 248-577-0364, kylrk@winternational.net

Inspection Observations

I arrived on-site at 1:30pm and met with Mr. Kyle Kilby; who escorted me through the facility and explained the following. W International is a full service manufacturer of large complex metal fabrications and serves the Aerospace, Automotive, Commercial, Defense, and Energy markets. W International works with a wide range of materials including armor, aluminum, titanium, invar, mild and high strength steels.

At this location, W International has a variety of equipment used for metal fabrication, including: 8 welding bays with multiple hand welders, CNC machines, a water jet cutter, saws, and milling equipment. The welders and grinding/cutting equipment appears to be exempt from obtaining a Michigan air permit pursuant to Rules 285(i), 285(l)(i), and 285(l)(vi)(B).

In the back of the building, W International has a spray booth for small projects. Mr. Kilby explained large volume projects are outsourced. At the time of my inspection, no one was painting, but I noted the filters were properly installed.

I explained Michigan's Rule 287(c) to Mr. Kilby and he said he would email me the paint usage for June and July and would establish monthly record keeping for the paint booth.

Rule 287. The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following:

- ...
- (c) A surface coating line if all of the following conditions are met:*
 - (i) The coating use rate is not more than 200 gallons, as applied, minus water, per month.*
 - (ii) Any exhaust system that serves only coating spray equipment is supplied with a properly installed and operating particulate control system.*

(iii) 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.

On August 11, 2016, Mr. Kilby emailed me records that indicated W International used 40 gallons in June and 79 gallons in July (see attached emails). Based on the usage records, the paint booth appears to be exempt from obtaining a Michigan air permit pursuant to Rules 287(c).

Additional Information

Mr. Kilby asked about the potential for future expansions and painting operations. I explained that W International could apply for a General Coating Permit if in the future they add additional booths or increase paint use. Information related to the General Coating Permit will be provided to Mr. Kilby with a copy of this inspection report.

Conclusion

Based on my inspection observations and the information provided, W International appears to be in compliance with the Federal Clean Air Act and Michigan's Air Pollution Control Rules.

Note: The facility name has been updated to W International in the AQD database.

NAME Rebecca Jettus

DATE 9/9/16

SUPERVISOR Joseph ZC

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