

N7294  
Mawit

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

N729427948

FACILITY: WOLVERINE OIL AND SUPPLY CO., INC.		SRN / ID: N7294
LOCATION: 10455 FORD RD., DEARBORN		DISTRICT: Detroit
CITY: DEARBORN		COUNTY: WAYNE
CONTACT: Steve Daudlin , President		ACTIVITY DATE: 12/05/2014
STAFF: Usama Amer	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Inspection of a Minor Source		
RESOLVED COMPLAINTS:		

On December 5, 2014, I conducted a Scheduled Inspection at Wolverine Oil & Supply Co., Inc. (source), located at 10455 Ford Rd., Dearborn, Wayne County. The inspection was also to determine the source's compliance status with the State and Federal Air Quality Rules & Regulations. Mr. Steve Daudlin, Vice President, and Mr. Kevin Daudlin, President, represented the source during the inspection.

THE INSPECTION

- The last time this source was investigated, by the AQD staff, for a smoke complaint was in October, 2006. The smoke problem was resolved in 2006.
- The source is a hydraulic oil blending facility. Oil and chemical additives are mixed to produce different grades of hydraulic, cutting and lubricating oils. These oils are used by suppliers to the auto industry.
- The source utilizes several mixing tanks and a heat exchanger (HE) in its operations. The heat exchanger burns low sulfur (15 ppm < 0.04%) Marathon fuel oil #2. Attachment A is Marathon fuel oil #2 MSDS. The HE was installed in 1964, which is before June 9, 1989 (the effective date of 40 CFR 60.40c(a)). The fuel oil #2 usage is estimated at 250 gal per week. This amounts to about 1,000 gal/month, and 12,000 gal/yr. The source keeps purchase invoices as a tracking record of the fuel usage. Mr. Daudlin indicated that the HE is rated at 5 MMBtu/hr. Attachment B is a copy of the email communications regarding the HE information. Based on the above HE information, the HE is not subject to the NSPS Subpart Dc pursuant to the provisions of 40 CFR 60.40c(a), nor subject to the R201 pursuant to R282(b)(ii).
- The source is not subject to MAERS.
- None of the above operations or process equipment is subject to provisions of R201 pursuant to R290(a)(i). Mixed oils have negligible VOC content. Attachment C is a copy of a MSDS for typical oil used. Sales records are being kept by the source as means of production records.
- The source employs about 20 people, runs 1 shift/day and 5 days/week.

CONCLUSION

The source appears to be operating in compliance with the State and Federal Air Quality Rules & Regulations, and does not need to obtain a PTI.

NAME Usama Amer DATE 1/26/15 SUPERVISOR JK