

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection**

P087467592

FACILITY: Oil Gear		SRN / ID: P0874
LOCATION: 1424 International Drive, TRAVERSE CITY		DISTRICT: Cadillac
CITY: TRAVERSE CITY		COUNTY: GRAND TRAVERSE
CONTACT: Keith Bublitz , OPerations Manager		ACTIVITY DATE: 05/25/2023
STAFF: Caryn Owens	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Onsite Inspection & Records Review		
RESOLVED COMPLAINTS:		

On Thursday, May 25, 2023, Caryn Owens of the Department of Environment, Great Lakes and Energy (EGLE) – Air Quality Division (AQD) conducted an unannounced onsite inspection of OilGear (SRN: P0874) located at 1424 International Drive in Traverse City, Grand Traverse County, Michigan. The site is located on the south side of International Drive, approximately ¼ mile west of the Business Park Drive and International Drive intersection. The field inspection and records review were to determine compliance with Permit to Install (PTI) 160-17. The site is currently a minor source of volatile organic compounds (VOCs) and an area source of hazardous air pollutants (HAPs).

Summary:

The activities covered during the field inspection and records review for the facility indicates the facility was in compliance with PTI 160-17, and no additional actions are necessary at this time. Specific permit conditions that were reviewed are discussed below.

On-site Inspection:

During the field inspection it was partly cloudy, 58 degrees Fahrenheit with wind speeds between 5 to 10 miles per hour from the north-northeast. I met with Mr. Keith Bublitz, the Operations Manager who escorted me around for the inspection, and Mr. Don Hull, the Senior Buyer who supplied the records during the inspection. The facility is an existing pump and valve manufacturing and refurbishment facility. Tert-butyl acetate is used to clean disassembled pump and valve parts. The facility is permitted for two spray booths equipped with particulate filters used to clean pump and valve parts using a spray-applied cleaner prior to repair operations. The booths exhaust out the side of the building through a stack. The ventilation rate per booth is 10,000 cfm. Cleaning operations take place at ambient temperatures; no heating of the parts or tert-butyl acetate is being done. The paint booths operate one shift from 6:30am to 3:00pm, five days a week. Each of the booths are installed with pressure monitoring gauges. The filters are changed when the pressure differential is at 0.16 inches water column ("wc) on the manometer. At the time of the inspection, Booth 1 had a manometer reading of 0.04"wc and Booth 2 had a manometer reading off 0.08 "wc.

Permitted Conditions:**FGCLEAN:**

This flexible group includes two spray booths used to clean pump and valve parts using a spray-applied cleaner prior to repair operations. The booths are equipped with particulate filters.

I. Emission Limits:

The emission limit for VOCs is 10.0 tons per year based on a 12-month rolling time period. Based on the records reviewed from May 1, 2022 through April 30, 2023, the highest VOC emissions reported for the facility were 8.6 tons per year. The facility was within their permitted emission limits.

II. Material Limits:

Material Limits are not applicable.

III. Process/Operational Restrictions:

During the inspection, I did not observe where the spent filters are stored, but according to Mr. Bublitz they are disposed of in closed 55-gallon drums to await for proper disposal. VOC and HAP containing materials were properly stored in metal yellow storage cabinets. The VOC and HAP containing materials in use during the inspection were properly covered.

IV. Design/Equipment Parameters:

During the inspection, the spray booths had properly installed fabric filters. The fabric filters are connected to pressure gauges that are monitored, and the fabric filters are changed on a regular basis.

V. Testing/Sampling:

Performance testing has not been completed at this facility.

VI. Monitoring/Recordkeeping:

The facility maintains the amount of cleaner used on a monthly basis and is recorded on a spreadsheet. The spreadsheet calculates the VOC emissions of cleaner applied per month and the 12-month rolling time period emission rates as determined at the end of each calendar month. The facility completes all calculations and maintains records in an acceptable manner.

VII. Reporting:

Reporting requirements are not applicable.

VIII. Stack/Vent Restrictions:

Based on visible observations during the field inspection, the stacks of the spray booths appeared to be within the permitted limits.

IX. Other Requirements:

Other Requirements are not applicable.

NAME *Camp Owens*

DATE 11-14-23

SUPERVISOR *Shane Nixon*