

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

N528224397

FACILITY: Fiber-Tech Industries, Inc.		SRN / ID: N5282
LOCATION: 1637 Marty Paul Street, CADILLAC		DISTRICT: Cadillac
CITY: CADILLAC		COUNTY: WEXFORD
CONTACT: Gary Bigger , Plant Manager		ACTIVITY DATE: 02/04/2014
STAFF: Caryn Owens	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MAJOR
SUBJECT: Scheduled Field Inspection and Records review		
RESOLVED COMPLAINTS:		

On February 4, 2014, Ms. Caryn Owens and Mr. Jeremy Howe of the DEQ-AQD inspected Fiber-Tech Industries (N5282) located at 1637 Marty Paul Street, Cadillac, Wexford County, Michigan. More specifically, the site is located on the southwest corner of Marty Paul Street and 13<sup>th</sup> street, and consists of one building on the property. The field inspection and records review were to determine compliance with the Renewable Operating Permit (ROP) MI-ROP-N5282-2012. The site is currently a major source for hazardous air pollutants (HAPs) because the potential to emit of any single HAP regulated by the federal Clean Air Act, Section 112, is equal to or more than 10 tons per year and/or the potential to emit of all HAPs combined is more than 25 tons per year. The site is a major source for National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63 Subpart WWWW for Reinforced Plastic Composites Production. An inspection brochure was given to Mr. Gary Bigger the Plant Manager of Fiber-Tech Industries at the time of the inspection.

**On-site Inspection:**

During the field inspection it was cloudy and approximately 15°F, and calm. DEQ met with Mr. Bigger for a field inspection. Mr. Bigger escorted DEQ through the facility to observe the permitted emission units and associated processes. The facility has not been in production since 2009, and is currently used solely as a warehouse storage area for fiberglass reinforced plywood panels that are produced in their main plant in Ohio. The panels are sold to local businesses, and sometimes need to be resized. The panels are cut to requested sizes and therefore; acetone is used to clean the tools and panels used during the cutting process. The cutting process is performed using jigsaws inside the plant, and the dust generated would be in plant. The cutting process is minimal, and is cleaned up and properly disposed of when the cutting is done. During the inspection, no dust from the cutting process was observed. No resins or gel coats are currently stored or used at the facility, only a couple of 55-gallon containers of acetone. DEQ staff observed the empty storage tank (approximately 40 bbl) for resin located in the southern portion of the building, and a couple of 55-gallon containers of acetone. The production area was shut-down at the time of the field inspection and no styrene-like odors were present. A semi-truck was in the southeastern portion of the building that was loaded with the fiberglass reinforced plywood panels. The truck had snow and ice along the bottom, and appeared to have just arrived at the facility. The truck appeared to be thawing prior to unloading the panels.

**Records Review:**

On February 6, 2014, Ms. Owens requested facility records from January 2013 – December 2013 from Mr. Roger Mola, Director of Regulatory Affairs from the main plant in Ohio to verify that no production occurred at the facility. Based on the records supplied to the DEQ, no resin or gel coats were used, and 786.6 pounds of acetone was used within the requested time period.

**A. Source-Wide Conditions**

No source-wide conditions are applicable for this facility.

**B. FGRECIPROCATING**

According to Mr. Mola and Mr. Bigger, this process has not operated since 2009. When the facility is in production again, it operates by a flat mold power winched through a spray booth as a reciprocating spray gun applies the gel coat. The mold is then allowed to dry in the gel coat curing area. Once the gel coat is dry, the mold is winched through the spray booth and resin is applied by the gun. Fiberglass matting and plywood are applied to the wet resin and moved to the curing area. In the curing area, a vacuum bag (covered cure) is applied to the mold and is allowed to dry. Acetone is used to purge the spray gun and for miscellaneous cleanup within the facility.

**I. Emission Limits**

I.1-1.15: As stated above, no resins or gel coats are stored or used at the facility, and have not been onsite since 2009. Acetone is currently stored at the facility for miscellaneous clean-up activities. Based on the records received, only 0.39 tons of acetone was used from January 2013 – December 2013.

**II. Material Limits**

II.1-7: Since no gel coat or resins have been at the facility since 2009, material limits are not applicable for the facility at this time.

**III. Process/Operational Restrictions**

III.1-5: Process/Operational Restrictions are not currently applicable for the facility, based on the current shut down condition.

**IV. & V. Design/Equipment Parameters and Testing/Sampling**

Design/Equipment Parameters and Testing/Sampling are not applicable for FGRECIPROCATING.

**VI. Monitoring/Recordkeeping**

VI. 1-6 & 10-14: As previously stated, no gel coats and resins are at the facility, and there has been no production since 2009; monitoring and recordkeeping requirements are not applicable.

VI. 7-9: Acetone usage is recorded on a monthly basis. Based on the records received, 0.39 tons of acetone was used from January 2013 – December 2013. The records also indicated that the acetone was not reclaimed, and was sent off site for recycling or disposal.

**VII. Reporting**

VII.1 – V.3: Reporting of any deviations, semi-annual reports, and annual compliance reports for ROP certification were submitted to the DEQ in timely manner.

**VIII. Stack/Vent Restrictions**

VIII.1-3: During the inspection, the stacks associated with FGRECIPROCATING appeared to be at least 40 feet above ground surface and not greater than 18 inch diameter for the SVRECIP-PTNO-02 and SVVACUUMCURE-03 and not greater than 34 inch diameter for SVRECIP-PTNO-01, which is in accordance with the ROP.

**IX. Other Requirements**

IX.1-3: Based on the facility status, other requirements are not applicable for this facility.

**Summary:**

The activities covered during the field inspection and records review for the facility indicate the facility was in compliance with ROP MI-PTI-N5282-2012 and 40 CFR Part 63 Subpart WWWW.

NAME Caryn Owens

DATE 2/28/14

SUPERVISOR 