

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

P047927275

FACILITY: COMPOSITECH		SRN / ID: P0479
LOCATION: 683 LINCOLN LAKE AVENUE SE, LOWELL		DISTRICT: Grand Rapids
CITY: LOWELL		COUNTY: KENT
CONTACT: Laurie Kensington		ACTIVITY DATE: 09/15/2014
STAFF: Denise Plafcan	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Syn Minor Opt Out
SUBJECT:		
RESOLVED COMPLAINTS:		

Denise Plafcan (DP) and Prudy Blue conducted an unannounced scheduled inspection to determine compliance with state and federal Air Quality rules and regulations and HAPs Opt-out PTI No. 172-13. DP drove around the area prior to entering the facility. There were no odors, fugitive emissions or opacity noted from the facility. However, staff noted the duct work to the stack had a very twisted convoluted path at ground level to make it over to the fan. Laurie Kensington, Lance Cherpes, and Kevin Poll all participated in the discussions and the physical inspection, since all of the managers were out of the State working on a project. After a brief introduction, DP explained the purpose of the inspection and reviewed the Environmental Inspection brochure.

The facility has only been operating a couple of months and there are approximately 10 employees working one shift five days a week. The company manufactures large (room size) fiberglass tanks. The following emission units have been installed: EUFILAMENT, EUHANDLAYUP, EUWETOUT, EUVACUUM, EUCHOPPER. EUWANDROLLER has not yet been installed. They also store equipment which is used to at various on site locations. The building is shared with another support company Universal Blastco.

They were not operating the day of the inspection and have only made 3 tanks since June 2014. DP spoke with Dave Vandiver on 9/26/2014 to discuss the records and he stated that they are really still in the start-up phase. Since they have just begun operation DP agreed to review the recordkeeping spreadsheet when it is completed, within the next 2 weeks. Compliance for this inspection report is based on the overall installation of the equipment and preliminary operation. Requirements which could not be evaluated have been removed from this inspection report, which accounts for some areas with nonconsecutive numbering.

EMISSION UNIT SUMMARY TABLET

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Flexible Group ID
EUFILAMENT	Mechanical, non-atomized, open-molding filament winding for the production of resin-based piping, storage tanks and custom designed process equipment.	FGRESIN
EUHANDLAYUP	Manual, non-atomized, open-molding hand layup for the production of resin-based piping, storage tanks and custom designed process equipment.	FGRESIN
EUWETOUT	Mechanical, atomized, open-molding spray layup for the production of resin-based piping, storage tanks and custom designed process equipment.	FGRESIN
EUWANDROLLER	Mechanical, non-atomized, open-molding wand roller application for the production of resin-based piping, storage tanks and custom designed process equipment.	FGRESIN
EUVACUUM	Mechanical, non-atomized, closed-molding vacuum infusion application for the production of resin-based piping, storage tanks and custom designed process equipment.	FGRESIN

EUCHOPPER	Mechanical, atomized, controlled open-molding chopper for the production of resin-based piping, storage tanks and custom designed process equipment.	FGRESIN
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FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FGRESIN	Mechanical and manual open- and closed-molding lines for the production of resin-based piping, storage tanks and custom designed process equipment.	EUFILAMENT, EUHANDLAYUP, EUWETOUT, EUWANDROLLER, EUVACUUM, EUCHOPPER
FGFACILITY	All process equipment source-wide including equipment covered by other permits, grand-fathered equipment and exempt equipment.	N/A

III. PROCESS/OPERATIONAL RESTRICTIONS

The permittee shall not operate FGRESIN unless all doors, truck bay doors, windows, etc. in the process area are closed shut. The process was not operational the day of the inspection but all areas were orderly and well organized.

The permittee shall capture all waste resins, molding agents, promoters, catalysts, additives and cleanup solvents used in FGRESIN and store them in closed containers. The permittee shall dispose of waste resins, molding agents, promoters, catalysts, additives and cleanup solvents in an acceptable manner in compliance with all applicable state rules and federal regulations. Waste materials appear to be being handled appropriately.

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years.

- The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the 30th day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. As part of this compliance inspection DP requested records up to September 2014. Since all of the managers were not available the company was given a couple of days to submit the records. This was extended following a discussion on 9/26/2014.

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter/ Dimensions (inches)	Minimum Height Above Ground (feet)	Stack vent dimensions were not verified as part of this compliance inspection. But estimated to be in compliance
SVMAINBLDG	20	40	

SVCOMPBLDG	20	40
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Based on the physical inspection the facility appears to be in compliance with state and federal Air Quality rules and regulations. Following receipt of the new recordkeeping spreadsheet this report will be revised.

NAME *Denise Payne*

DATE *9-26-17*

SUPERVISOR *PAB*

