

**DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: Self Initiated Inspection**

U6314873526263

FACILITY: AddComp North America, Inc.		SRN / ID: U63148735
LOCATION: 2932 Waterview Dr.		DISTRICT: Southeast Michigan
CITY: Rochester Hills		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 07/21/2014
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: FY 2014 inspection of AddComp North America, Inc. ("AddComp")		
RESOLVED COMPLAINTS:		

**AddComp North America, Inc. (U-63-14-8735)  
2932 Waterview Dr.  
Rochester Hills, Michigan 48309-3484**

On July 21, 2014, I conducted a level 2 self-initiated inspection of AddComp North America, Inc. ("AddComp"), in a business of polymer additive solutions, located 2932 Waterview Dr., Rochester Hills, Michigan 48309-3484. The inspection was conducted to determine compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451 and Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) administrative rules.

During the inspection, Mr. Louis W. Martin (Phone: 248-958-5205-ext. 301; Cell: 248-766-4654; Fax: 248-598-5206; E-mail: lwm@AddCompNorthAmerica.com), President, assisted me.

AddComp is in business of providing polymer (thermoplastic resins) additive solutions to the customers such as plastic molders. The additives are used up to 5 percent in thermoplastics by the customers. The additives provide many properties to thermoplastic products: anti-oxidant, flame-retardant, UV-protection, etc.

Most raw materials are either powder or pallets; some waxy materials are used as well. The raw materials are stored on ground floor and mezzanine. UV stabilizers arrive in 55-gallon drums. Only one compounding-to-pallets line is present. Raw materials are melted and delivered to screw compounder. Two hoppers at the compounder are present. The screw compounder can run up to a temperature of 700 °F (07/21/2014: 400 °F). Extruder produces spaghetti-like polymer strands. Flowing water cools the spaghetti polymer; water is reused. The spaghetti-shaped polymer is cut / chopped to produce pallets.

Thus produced pallets are stored in two identical silos (15,000 pounds capacity each). The polymer additive pallets are sold to the customers such as molders.

Mr. Martin stated that AddComp cleans dust every day. Fire protection standards are used for dust. I did not notice that the facility has dust problem; the raw materials handling area is cleaned frequently to prevent dust fires due to auto-ignition. The processes do not exhaust to outside ambient air.

At the Rochester Hills facility, there is neither painting nor solvent degreasing.

**Conclusion**

Mixing machines/processes are exempt from Rule 336.1201.

NAME Iranna Konanahalli DATE 08/06/2014 SUPERVISOR CJE