

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

N010641414

FACILITY: INSTASET PLASTICS		SRN / ID: N0106
LOCATION: 10101 MARINE CITY HWY, ANCHORVILLE		DISTRICT: Southeast Michigan
CITY: ANCHORVILLE		COUNTY: SAINT CLAIR
CONTACT: Kurt Clapp, Maintenance Supervisor		ACTIVITY DATE: 08/30/2017
STAFF: Robert Joseph	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Inspection to verify work performed and removal of paint booths and oven.		
RESOLVED COMPLAINTS:		

On Wednesday, August 30, 2017, Michigan Department of Environmental Quality-Air Quality Division staff Robert Joseph conducted a self-initiated of Instaset Plastics located at 10101 Marine City Highway, Anchorville, Michigan. The purpose of the inspection was to verify the facility's compliance with the Federal Clean Air Act; Article II, Part 55, Air Pollution Control of Natural Resources and Environmental Protection Act, 1994 Public Act 451; Michigan Department of Environmentally Quality-Air Quality Division (MDEQ-AQD) Administrative Rules and conditions of Permit to Install (PTI) No. 48-02 and 687-87. (PTI) No. 48-02 pertains to the facility establishing a 12-month rolling time period for a limit on individual and aggregate HAP emission limits, and (PTI) No. 687-87 sets the emission rate for Volatile Organic Compounds (VOC) and establishes monthly record usage. The facility name was changed from Instaset Corporation to Instaset Plastics when it was sold to WGS Global Service in 2015.

I arrived at the facility about 11am and I met with Kurt Clapp the Maintenance Supervisor. I introduced myself and stated the purpose of my inspection to Kurt and he accompanied me into the facility. Kurt stated the facility operates 24 hour a day with 3 work shifts and employs about 120 people.

The facility molds plastic pellets of varying chemical composition into plastic parts for the automobile industry. The pellets are placed into one of the 11 plastic injection molding machines and heated before being injected into a pressurized mold cast. The resulting plastic product then comes out of the machine and is packed for shipment. The injection molding machines are exempt from Permit-To-Install requirements per Rule 286 (2)(e) which states the following;

R 336.1286 Permit to install exemptions; plastic processing equipment.

(2) The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following:

(e) Reaction injection molding (open or closed mold) and slabstock/casting equipment.

The facility also has 12 plastic grinders which vent into the facility's environment and are used to grind excess plastic products produced from the plastic injection molding process. The grinders are exempt from Permit-To-Install requirements per Rule 285 (2)(l)(vi)(B) which states the following;

(2) The requirement of R 336.1201(1) to obtain a permit to install does not apply to any of the following:

(l) The following equipment and any exhaust system or collector exclusively serving the equipment:

(vi) Equipment for carving, cutting, routing, turning, drilling, machining, sawing, surface grinding, sanding, planing, buffing, sand blast cleaning, shot blasting, shot peening, or polishing ceramic artwork, leather, metals, graphite, plastics, concrete, rubber, paper board, wood, wood products, stone, glass, fiberglass, or fabric which meets any of the following:

(B) Equipment that has emissions that are released only into the general in-plant environment.

The facility had previously been permitted four paint booths and a portable curing oven relating to permits No. 687-87 and 48-02. The paint booths were used to coat the plastic parts. Kurt indicated the facility no longer paints the pellets and that all paint work is contracted out. I visited the area where the paint booths were located and I verified that all paint booths have been removed from the facility. The area is now used for storage. A portable batch curing oven was used to cure the coatings applied to the plastic parts. This too has been removed from the facility.

Kurt indicated the facility had submitted the necessary documentation to the MDEQ requesting the permits be terminated. This completed the review of the facility and I told Kurt that if additional information was needed I would contact him.

Conclusion

The facility no longer performs any painting operations, and all paint booths and the portable curing oven relating to Permit No. #687-87 and 48-02 have been removed from the facility. The facility previously submitted their request to the permits divisions This has been verified with the permits division. The facility is no longer subject to the requirements of these permits. The facility appears to be in compliance with air quality rules and regulations. The remaining equipment on site is exempt from PTI requirements.

NAME Robert Joseph DATE 09/28/17 SUPERVISOR SK