

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

N010624484

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: 03/11/2014
STAFF: Erik Gurshaw	COMPLIANCE STATUS: Compliance
SUBJECT: 2014 FCE Report	SOURCE CLASS: SM OPT OUT
RESOLVED COMPLAINTS:	

SRN: N0106

COMPANY: Instaset Plastics Corporation

COMPANY ADDRESS: 10101 Marine City Highway; Anchorville, MI 48004

PURPOSE OF INSPECTION: Targeted

CONTACT PERSON: Mr. Kurt Clapp, Plant Engineer (Ph: 586-725-0229; Fax: 586-725-6237; Email: kclapp@instaset.net)

COMPANY PHONE NUMBER: 586-725-0229

On March 11, 2014, AQD staff, Erik Gurshaw, conducted a targeted, unannounced inspection at Instaset Corporation located at 10101 Marine City Hwy. in Anchorville, Michigan. The purpose of the inspection was to determine 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 Environmental Quality, Air Quality Division (MDEQ-AQD) Rules; Permit-To-Install (PTI) Numbers 687-87 and 48-02 for four paint spray booths and a curing oven; and Consent Order Number 22-2004. PTI #687-87 sets 12-month rolling and hourly VOC emission limits from the paint booths. PTI #48-02 establishes 12-month rolling individual and aggregate HAP emission limits for the same paint booths. The Consent Order enables the AQD to impose stipulated penalties if it is determined that the company is operating the paint booths in violation of its permits.

Upon arriving at the facility, AQD staff introduced themselves and stated the purpose of the visit to Mr. Kurt Clapp, Maintenance Supervisor. Mr. Clapp indicated that Instaset Corporation operates 24 hours a day (three 8 hour shifts) Monday through Friday and employs 115 people. The company has 16 plastic injection molding machines. These machines are exempt from Permit-To-Install requirements pursuant Rule 286(e). Even though four paint spray booths are permitted, only one paint booth is still located at the facility. The paint booths were used to apply a soft-touch or decorative coating to the plastic parts produced by the company per client specifications. Painting has not taken place at the facility since March 2010, however, since the company has no contractual obligations which require the coating of the plastic parts it produces. Mr. Doug Burrell, President of Instaset, sent the AQD a letter on October 26, 2010, indicating that painting had been discontinued in March 2010, but that the company wanted to keep the existing PTIs active in case the company acquired future contracts which would require the coating of plastic parts. In addition to the 16 plastic injection molding machines, the company also has 12 plastic grinders and a portable batch curing oven. The plastic grinders vent to the general plant environment and are used to grind excess plastic produced from the plastic injection molding process for future use. The plastic grinders are exempt from PTI requirements pursuant Rule 285(l)(vi)(B). The portable batch curing oven would be used to cure the coatings applied to the plastic parts if the spray booth was being used. The curing oven is permitted in the company's two PTIs. Mr. Clapp assisted AQD staff during the inspection.

Instaset Corporation molds plastic pellets of varying chemical composition (polypropylene, hytrel, ABS, nylon 66, acetal, HDPE, etc.) into plastic parts for the automobile industry. The pellets are purchased from various suppliers depending upon the price. When plastic pellets arrive at the facility, they are dumped into a hopper, melted in a heating unit for less than one minute, and then injected into a pressurized mold cast for approximately 30 seconds. The resulting plastic components are the

same color as the pellets used to create them. As previously mentioned, PTI #687-87, PTI #48-02 and Consent Order #22-2004 regulate the use of the paint booth and curing oven. Painting has not taken place since March 2010 so the terms and conditions in the company's PTIs are no longer applicable to the company's operations.

Based on this inspection, it was determined that Instaset Corporation no longer coats the plastic parts it produces and that it is not subject to any other applicable air rules or regulations. AQD staff advised Mr. Clapp to send a request to AQD Chief, Vince Hellwig, to have Consent Order #22-2004 terminated. The Consent Order has expired and the company no longer uses the equipment referenced in it. AQD staff also suggested to Mr. Clapp to submit a request to have PTI Numbers 687-87 and 48-02 be voided since the company no longer uses the equipment permitted in them. Mr. Clapp said that he would speak with the company's President, Mr. Doug Burrell, to determine if he wants the PTIs to be voided or to remain active.

NAME Erik Durohaw DATE 3/12/14 SUPERVISOR CTE