

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

U7413229126757

FACILITY: Flight Mold and Engineering, Inc.		SRN / ID: U74132291
LOCATION: 1940 Fred Moore Hwy, St. Clair		DISTRICT: Southeast Michigan
CITY: St. Clair		COUNTY: SAINT CLAIR
CONTACT: Joe Stephan, Plant Manager		ACTIVITY DATE: 09/04/2014
STAFF: Sebastian Kallumkal	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Onsite Inspection		
RESOLVED COMPLAINTS:		

On Thursday, September 4, 2014, I conducted an unannounced self-initiated inspection at Flight Molding and Engineering located at 1940 Fred Moore Highway, St. Clair, Michigan. The purpose of the inspection was to verify facility's compliance with requirements of Article II, Air Pollution Control, Part 55 of Act 451 of 1994. Earlier in the year, a fallout complaint (C-14-00078) was received alleging that the complainant was affected by white fallout from the facility. The complaint couldn't be verified.

I arrived at the facility at about 3:00 PM. At the facility, I met Mr. Joe Stephan, Plant Manager. I introduced myself and stated the purpose of my inspection. During the pre-inspection meeting, Mr. Stephan explained the process. Facility makes various plastic parts (polypropylene, ABS, PCABS, Nylon, Polycarbonate, etc.) for the automotive industry. The facility also repairs and makes dies (tools) for the molding machines.

Regarding the fallout complaint, he explained that his facility cannot cause white powder/particles fallout because the dust collector located outside collect black carbon particles from the carbon EDM sinkers. The dust collector is self-contained and the exhaust is vented inside to the general-in-plant area.

Next he accompanied me for an inspector of the facility. The facility has 10 plastic injection molding machines, 4 CNC machines, 2 EDM sinkers and a metal grinder. The particulate from the grind room, CNC machines, and the EDM sinkers are collected in the dust collector. I did not inspect the dust collector. The facility operates days, 3 shifts and has about 29 employees. It has been in business for about 25-30 years.

Conclusion: The facility appears to be in compliance with applicable air quality requirements.

NAME S. KallumkalDATE 9/5/2014 SUPERVISOR CTE