

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

P035336031

FACILITY: D MARK INC		SRN / ID: P0353
LOCATION: 25712 D'HONDT COURT, CHESTERFIELD		DISTRICT: Southeast Michigan
CITY: CHESTERFIELD		COUNTY: MACOMB
CONTACT: James Heinke , Purchasing and Human Resources Manager		ACTIVITY DATE: 08/17/2016
STAFF: Rem Pinga	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Unannounced Level 2 Target Inspection		
RESOLVED COMPLAINTS:		

On August 17, 2016, I conducted an unannounced level 2 target inspection at D Mark, Inc. located at 25712 D'Hondt Court, Chesterfield, Michigan 48051. The purpose of the inspection was to determine the facility's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), and the administrative rules. During the inspection, I was accompanied by Mr. James Heinke, Purchasing and Human Resources Manager. Mr. Ronald Richmond, Product Manager and former facility contact person, met with me briefly and endorsed me to Mr. Heinke. At the pre-inspection conference, I showed my ID Badge, stated the purpose of my visit, and gave a copy of the pamphlet, "Environmental Inspections: Rights and Responsibilities", to Mr. Heinke who accompanied me during the walk through inspection.

The facility manufactures Carbon coated mat filters of different sizes mostly utilized for odor control. The process starts from a rolled polyester plastic mat cut into specified size and coated with carbon granules. Mr. Heinke took me to the 2 processing lines located in the rear section of the building. He mentioned that the facility conducts the same operations since my last visit in 2012. The 2 lines conduct the same processes and are still called the "45 inch line" and the "66 inch line". Both lines were operating during the walk through inspection. Mr. Heinke showed me the multistage Carbon screening process to segregate recycled Carbon into certain particle sizes. The screens are fully enclosed with an attached dust collection control system similar to a Torit Dust collector. The Carbon filter recycling process is utilized to add Carbon to the polyester web to form the Carbon filter product. I observed that the process bins and conveyor system/ductwork systems are enclosed, including the oven located along the rear section of the conveyor line. A mat filter web runs in the main conveyor line and gets coated with Carbon through a hopper from the enclosed ductwork conveyor coming from the Carbon recycling process bin. A second web covers the Carbon laced first web, then conveyed to the enclosed oven before going through a roller to produce a roll of Carbon filter product. I observed no process exhaust stacks in the building. In contrast to 2012 inspection, I observed that the facility was packed of raw materials and finished product resulting from increased business orders.

Near the rear entrance doorway, I observed the same equipment that has an enclosed multi-layered screening process for reclaiming carbon granules for reuse.

The equipment is controlled by an enclosed dust filter collector hooked up to a 55 gallon drum.

At the middle section of the building, I observed the adhesive coating process with one adhesive roller coating equipment. Mr. Heinke informed me that the facility uses the same adhesive that I evaluated in 2012 from records obtained from the company to be exempt from AQD Permit to Install requirements. The Safety Data Sheets (SDS) showed that the water based adhesive has no VOC content nor volatile toxic compounds. At that time and in my previous activity report, I mentioned that I called the adhesive coating supplier and got confirmation on the zero VOC content of the adhesive. The rest of the middle section of the building showed assembly and final packaging processes of the product. I noticed that the side vents had filters. I did not observe visible emissions inside and outside the facility.

Overall, I did not observe any non-compliance issues during my walk through inspection.

NAME Jim Ly

DATE 8/24/2016

SUPERVISOR Joyce