

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

FY 2014 Insp-

N222624370

FACILITY: MARKETING DISPLAYS INC		SRN / ID: N2226
LOCATION: 38271 W TWELVE MILE RD, FARMINGTN HLS		DISTRICT: Southeast Michigan
CITY: FARMINGTN HLS		COUNTY: OAKLAND
CONTACT:		ACTIVITY DATE: 02/11/2014
STAFF: Iranna Konanahalli	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: FY 2014 inspection of Marketing Displays, Inc.		
RESOLVED COMPLAINTS:		

Efile: N2226-SAR-2014 02 11

Marketing Displays, Inc. (N2226)
38271 12 West Mile Road
Farmington Hills, Michigan 48331-3041

Permit-to-Install No. Voided: 619-89 & 619-89A
Phone: 248-488-5680
Fax: 248-488-5740

N2226: According to permit cards and MACES, by 2011 reassigned from 24528 Indoplex Dr., Farmington Hills, to 38271 12 West Mile Road, Farmington Hills.

On February 11, 2014, I conducted a level-2 self-initiated inspection of Marketing Displays, Inc. ("Marketing" or "MDI"), Marketing Display Products and Traffic Control Products manufacturing company, located at 38271 West Twelve Mile Road, Farmington Hills, Michigan 48331-3041. 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. Art Seiter (Phone: 248-488-5680/5740; E-mail: aseiter@mdiworldwide.com), Director of Operations, Mr. Joseph Motyka (Phone: 248-488-5640/5730; E-mail: jmotyka@mdiworldwide.com), Facilities Engineer, Mr. Jim Raymo (Phone: 248-488-5767/5740; E-mail: jraymo@mdiworldwide.com), Maintenance Repair, assisted me at W. 12 Mile Rd. Ms. Audrey Mauck (Phone: 248-488-5685), Secretary, was also present.

Mr. Collin Mosley (Ph: 248-488-5743; Fax: 248-488-5740; E-mail: cmosley@mdiworldwide.com), Director of Operations, separated about January 2013. Ms. Jackie Perry (248-488-5793), Graphics Supervisor / Planner, joined Purchasing about 2012. Ms. Tonya Dibble (248-488-5798), HR Assoc., is not involved with safety anymore.

W. 12 Mile location is corporate head quarters (HQ). Marketing display products are manufactured at this location and all manufacturing is consolidated at W. 12 Mile upon shutting down Indoplex Dr. facility. MDI is in business for 50 years (since 1964) and moved to 12 Mile in 1990.

Silk-screening process was shutdown in June 2010 upon moving to W. 12 Mile from 24528 Indoplex Dr., Farmington Hills. Silk-screen process was eliminated and was replaced by Digital Printing at 12 Mile Road.

Wood / metal cutting machine

One router (occasionally wood, mostly metal cutting machine) is present. The router is equipped with a ventilation system to capture saw dust and wood chips and with an air pollution control device (APCD) consisting of a cyclone and a fabric filter arranged in series.

One 55-gallon drum is present for the cyclone. But dust from the bags falls to the ground and floor is swept of dust. I asked Jim Raymo to install a dust container, which can be emptied, for the bags; this is to minimize in-plant dust. Bags are manually shaken to clean them of dust. 40 bags (each 10 ft. tall and 5 inches diameter) are present.

Exhaust air cleaned by APCD is not vented out but recycled back into the plant. This process is exempt from Rule 336.1201 (Permit-to-Install) pursuant to Rule 336.1285(i).

Machines

Metal bending and punching machines and a laser etching machine result in practically no particulate emissions; there is no ventilation on these machines. Two new LVD Strippit (V20-1225) machine for punching, cutting and bending metal sheets are installed. LVD Strippit 098 -A performs forming using a die. LVD machines have no exhaust.

There is no parts-cleaner or cold-cleaner or degreaser at this location.

About 20-30 gallons per month of isopropyl alcohol (IPA) is used for cleaning displays. Two 55-gallon IPA drums are present.

About 2010, the paint spray booth was removed. All maintenance painting is now done using brushes.

Graphic arts business closed about 2012.

Permits Cards database had mixed up two facilities: one in Farmington Hills (Oakland County) and one in Grant Township (Mason County). Both facilities were listed under SRN N2226. By 2011, the PrmtCrds database corrected but N2226 was assigned to 38271 12 West Mile Road location. Previously, N2226 corresponded to 24528 Indoplex Dr., Farmington Hills. For the sake of database integrity a given SRN should be padlocked to its address.

Conclusion

Silk-screening is eliminated as MDI moved from Insoplex Dr. to 12 Mile (World HQ). The Permits Cards database was corrected resolve SRN N2226 conflict but reassigned to W. 12 Mile.

NAME Bill Namahall DATE 02/24/2014 SUPERVISOR CTE