

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

U2914669925962

FACILITY: Powder Coat of Central Michigan, LLC		SRN / ID: U29146699
LOCATION: 1201 Country Farm Rd		DISTRICT: Lansing
CITY: Ithaca		COUNTY: GRATIOT
CONTACT: Lawrence Alexander, Proprietor		ACTIVITY DATE: 07/09/2014
STAFF: Michelle Luplow	COMPLIANCE STATUS: Compliance	SOURCE CLASS:
SUBJECT: Self-initiated inspection of a powder coating operation.		
RESOLVED COMPLAINTS:		

Inspected by: Michelle Luplow
Personnel present: Lawrence Alexander, Proprietor (larry@powdercoatcm.com)

Purpose:

Perform an unannounced, self-initiated compliance inspection. According to the MACES database this facility has never been inspected by the Air Quality Division (AQD).

Inspection:

I met with Larry Alexander, the facility proprietor, at approximately 2:30 p.m. on June 26, 2014. I gave him my business card and a DEQ "Environmental Inspections: Rights and Responsibilities" brochure to illustrate the inspection process, as well as a May 2012 Permit to Install Exemption handbook and pointed out to him exemption 287(d) for powder coating.

L. Alexander said that Powder Coat of Central Michigan has been in business for 13 years and currently employs himself and one other person to conduct the powder coating and drying processes. L. Alexander said that they coat large, unusual-sized object for commercial and industrial applications primarily, with the occasional residential/individual-entity project; essentially an "on-demand" work-load, they do not conduct routine coating operations, nor do they have contracts with any entities. According to L. Alexander, powders for coating originate from manufacturers such as PPG and Sherwin Williams, to name a few.

He gave me a tour of the facility. There is one powder coating booth and one 2 MMBTU/hr natural gas-fired oven. The powder coating booth has pleated fabric filters that appeared to be installed and maintained properly. The powder coating booth is exempt from a permit to install per rule 287(d) for powder coating with an appropriately designed and operated particulate control system. The oven is also exempt from a permit to install per rule 287(d) (the booth's "associated oven"). L. Alexander said that the parts take between 15 (small projects) – 70 minutes (large agricultural projects) to cure, and that the oven is run between 350 - 400°F. The facility itself is very clean and tidy. L. Alexander said that they sweep up any residual powder after every project and then cure the powder in the oven to produce a solid that can be easily disposed of via landfill. There were no coating or curing processes occurring during the inspection.

Powder Coat has one hot water heater with a stack that burns natural gas and is rated at less than 100,000 BTU/hr. This is exempt from a permit to install per rule 282(b)(i) because the unit burns sweet natural gas and is rated at a heat input capacity of less than 50,000,000 BTU/hr.

There is also a "wash area" where Powder Coat uses surfactant and water to remove oils and dirt from the parts prior to being powder-coated.

Powder Coat of Central Michigan is in compliance with all applicable state and federal regulations at this time.

NAME Michelle M. Luplow DATE 7-16-14 SUPERVISOR [Signature]