

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

A258238786

FACILITY: Grand Rapids Electric Motor Service, LLC		SRN / ID: A2582
LOCATION: 1057 Cottage Grove SE, GRAND RAPIDS		DISTRICT: Grand Rapids
CITY: GRAND RAPIDS		COUNTY: KENT
CONTACT: Ken Werling, Service Manager		ACTIVITY DATE: 03/02/2017
STAFF: April Lazzaro	COMPLIANCE STATUS: Compliance	SOURCE CLASS: Minor
SUBJECT: Unannounced inspection as a result of an odor complaint.		
RESOLVED COMPLAINTS:		

Staff, April Lazzaro arrived at the facility to conduct an unannounced, unscheduled inspection in response to an odor complaint. During a neighborhood investigation of the odor complainant, no odors or smoke was observed from any business nearby.

Upon arrival at the facility, I met with Ken Werling, Service Manager at Grand Rapids Electric Motor (GREM). We discussed the new ownership and the burn-off oven that is permitted to operate via Permit to Install No. 222-15. Mr. Werling informed me that the oven is not yet operational. We observed the unit, which is in place, but does not yet have a stack or gas hooked up.

GREM operates a small oven in the back of the shop that is used for two things. One is for drying water off motors after they have been washed and prior to being coated. This is done at an temperature between 200 and 225F. I informed Mr. Werling that this oven is not to be used to burn off any oils, coatings or other matter. He confirmed that it is not used in that manner. I pointed out that the stack was not straight, and might need attention. He stated he would check into that as soon as possible.

GREM also operates a dip tank, which is basically a drum of varnish. Mr. Werling stated that EMS utilizes 55 gallons of varnish per year. This qualifies for the Rule 287(2)(c) exemption, which allows 200 gallons of coating per month. After the motor is dipped in the varnish, it is allowed to drain so excess varnish is not on the part. Following that, it is cured in the oven for four hours at approximately 325F. We discussed the odor complaint regarding a "lacquer" smell, which could originate from the curing process. Mr. Werling stated that he would investigate the complaint to see if the oven could be the source.

We further discussed the requirements of the new burn-off oven permit, which includes looking for visible emissions, keeping batch records etc. Mr. Werling was familiar with the permit and the requirements.

At the time of the inspection, Grand Rapids Electric Motor was in compliance.

NAME April Lazzaro

DATE 3-9-17

SUPERVISOR [Signature]