

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT : On-site Inspection

N834366276

FACILITY: Gower Corporation		SRN / ID: N8343
LOCATION: 2840 Universal Dr. SAGINAW		DISTRICT: Bay City
CITY: SAGINAW		COUNTY: SAGINAW
CONTACT: Gregg Gower, Owner		ACTIVITY DATE: 11/01/2022
STAFF: Gina McCann	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Inspection of PTI 259-09 for a natural gas fired burn-off oven.		
RESOLVED COMPLAINTS:		

I (glm) conducted a scheduled inspection on November 1, 2022, to determine compliance with permit to install 259-09 and other applicable air quality regulations. For the inspection I met with Gregg Gower, Owner of Gower Corporation. Gower Corporation was in compliance at the time of the inspection.

Gower Corporation is a service provider of electric motors. They rewind all types and sizes aof AC and DC motors. PTI 259-09 is for a natural gas fired burn-off oven. The oven is used to remove a polyester resin/varnish off the stators/electric motors. The varnish is placed on the wires to provide a bond, then the motor is heated in the oven. The wires are then removed from the motor once it cools.

The PTI requires an afterburner with a minimum temperature of 1,400 °F and an interlock system that shuts out the primary burner if the afterburner is not to temperature. The permit also requires a temperature recording device to be installed and record temperature in the afterburner every 15 minutes when in operation.

During the last inspection the facility did not have a recording device. The recording device was installed in response to that violation notice.

I reviewed temperatures from 2018 through 2021. All records showed temperatures reaching 1450F during operations. Records were not available for 2022. The pen for the recorder had been spent and due to supply chain issues, they were unable to obtain one in 2021 and it appears they forgot about pursuing it again. During the inspection, Gregg was able to order a pen from Honeywell. It will be delivered in two (2) weeks. Given the infrequent use of the oven, the three (3) years of records in compliance, and the immediate action taken to correct the issue, a violation will not be written.

The oven was not operating during the inspection and will not operate until the pen is installed.

NAME


DATE 11/3/2022

SUPERVISOR

