

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

P032756410

<b>FACILITY:</b> HURON FOREST CREMATORY INC		<b>SRN / ID:</b> P0327
<b>LOCATION:</b> 4721 INDUSTRIAL ROW, OSCODA		<b>DISTRICT:</b> Bay City
<b>CITY:</b> OSCODA		<b>COUNTY:</b> IOSCO
<b>CONTACT:</b>		<b>ACTIVITY DATE:</b> 12/15/2020
<b>STAFF:</b> Nathanael Gentle	<b>COMPLIANCE STATUS:</b> Compliance	<b>SOURCE CLASS:</b> MINOR
<b>SUBJECT:</b> Scheduled on-site compliance inspection to determine compliance with PTI 41-12.		
<b>RESOLVED COMPLAINTS:</b>		

On December 15, 2020, AQD District Staff conducted a scheduled site inspection of the Huron Forest Crematory, SRN P0327, to determine compliance with Permit to Install No. 41-12. AQD staff arrived onsite at 10:30 AM and departed at 11:20 AM. Kurt Good gave a tour of the site, provided all requested records, and answered any questions.

### Facility Description

The Huron Forest Crematory, Inc. (P0327) is located at 4721 Industrial Row, Oscoda, Michigan. The facility provides cremation services for human remains. A single Permit to Install exists for the facility. PTI 41-12 was issued to Huron Forest Crematory, Inc. on March 19, 2012. One emission unit is permitted for the facility, EU-CREMATORY1. The emission unit is a B&L Cremation Systems Model N-20. The cremator is natural gas fired with a maximum charge of 600 pounds, capable of burning 150 pounds/hour. The designated charge type is human remains. Operation of the facility began October 2013.

### Compliance Evaluation

#### Operational Status

During the facility inspection, EU-CREMATORY1 was in operation. No visible emissions were observed exiting the unit's stack.

#### Material Limits

The facility is limited to burning human pathological waste with a maximum charge load of 600 pounds. Facility personnel confirmed these parameters were being followed. When charges are received by the facility, each comes with documentation detailing the weight. In addition, the lift used to load charges into EU-CREMATORY1 has a built-in weight scale used to further confirm the weight of charges is below the 600 pound limit. Documentation of each charge and its associated weight are maintained.

Fuel used in EU-CREMATORY1 shall only be natural gas. During the inspection natural gas was confirmed by facility staff to be the fuel source for the emission unit.

#### Operational Parameters

A device to continually monitor the temperature of the secondary combustion chamber is installed and operational. The unit is set to maintain a minimum temperature of 1650° F, 50° F above the minimum temperature requirement of 1600° F. An alarm will sound if the temperature

in the secondary combustion chamber drops below the set value. While the unit was in operation during the inspection, an operating temperature of 1650° F was observed.

Operation of EU-CREMATORY1 is conducted by onsite trained/certified operators. Onsite staff described an in-house checklist used for operation to ensure equipment is being operated properly. Additionally, maintenance is performed on the emission unit as is needed.

#### Monitoring/ Record Keeping

Records were provided onsite during the scheduled inspection. The operating time and temperature are continuously recorded onto discs while the unit is operated. Example discs were provided showing appropriate temperature and duration. Additional records are kept for each charge, providing a description of the charge and its weight. The records are maintained and stored onsite. Maintenance invoices were provided as documentation of maintenance records.

#### Other Requirements

An emission limit for particulate matter of 0.20 lb/1,000 lbs of gas, corrected to 50% excess air is established by PTI 40-12. Emission testing is required upon the request of the Department. At this time, emission testing has not been requested.

#### Summary

AQD District Staff conducted a scheduled inspection of the Huron Forest Crematory, Inc. (P0327) on December 15, 2020. Mr. Kurt Good was onsite to provide facility information, records, and to answer questions. Based on information provided during the inspection, the facility appears to be in compliance with its associated Permit to Install No. 41-12.

NAME *Nathanael Gentry* DATE 1/6/21

SUPERVISOR *Chris Hare*