

**DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection**

P090847594

FACILITY: Jackson Crematory Services, Inc.		SRN / ID: P0908
LOCATION: 1016 Toro Street, BLACKMAN TWP		DISTRICT: Jackson
CITY: BLACKMAN TWP		COUNTY: JACKSON
CONTACT: Brian Berry , Owner/President		ACTIVITY DATE: 01/14/2019
STAFF: Stephanie Weems	COMPLIANCE STATUS:	SOURCE CLASS:
SUBJECT: Scheduled inspection of Jackson Crematory Services, Inc.		
RESOLVED COMPLAINTS:		

Minor Source: Scheduled Inspection of Jackson Crematory Services, Inc.

Facility Contacts:

Brian Berry – Owner/President of Jackson Crematory Services, Inc.

Phone: 517-499-0008

Email: jacksoncrematory@att.net

Website: jacksoncrematoryservices.com

Purpose

On January 14, 2019, I conducted an unannounced compliance inspection of Jackson Crematory Services, Inc., located in Jackson, MI. I was accompanied by Brian Carley of the AQD Jackson Field Office. The purpose of the inspection was to determine the facility's compliance status with the applicable federal and state air pollution regulations, particularly Michigan Act 451, Part 55, Air Pollution Control Act and administrative rules, and permits PTI 108-11B and PTI 24-18.

Facility Location

The facility is located within an industrial park in the city of Jackson. See Image 1 for an aerial photo.

Facility Background

Jackson Crematory Services is a family owned business. This facility provides cremation services to funeral homes in Jackson and the surrounding areas. In addition to their human cremation services, this facility also offers memorial markers and pet cremation services.

The facility currently has two active permits, PTI 108-11B and PTI 24-18. The two permits encompass four burners. EUCREMATORY1 and EUCREMATORY2 are the older burners, with maximum charges of 500 pounds and 300 pounds, respectively. EUCREMATORY3 and EUCREMATORY4 are their new burners, with maximum charges of 600 pounds each.

A compliance inspection was last conducted on September 21, 2015 by AQD staff. At that time, the facility was found to be in compliance.

Regulatory Applicability

Active Permits:

PTI 108-11B for two crematory emission units, EUCREMATORY1 and EUCREMATORY2.

PTI 24-18 for two newer crematory emission units, EUCREMATORY3 and EUCREMATORY4.

Arrival & Facility Contact

No visible emissions or odors were observed upon our approach to the facility. We arrived at approximately 11:11 AM, proceeded to the facility office to request access for an inspection, provided our identification, and met with Brian Berry, who is the President and owner of Jackson Crematory Services, Inc. A short pre-inspection discussion was held with Brian. We informed him of our intent to conduct a facility inspection and to review the

various records as necessary. Brian extended his full cooperation during the inspection, accompanied us during the full duration of the inspection, and fully addressed our questions.

Pre-Inspection Meeting

Before starting the inspection, I explained that the facility currently has two permits on file with AQD, and that we were interested in seeing the four burners listed in their permits.

Brian explained that a body was due shortly for cremation, and since it was a "decomp" case (where the body had already started the decomposition process) he wanted to allow us time to see the facility before the body was brought in. Therefore, the pre-inspection meeting was cut short to allow for this.

Onsite Inspection

Brian showed us into the main crematory facility, which houses four burners, lined up in a row. He showed us the monitor that is located on each burner, and it was noted that they keep a copy of the "Incinerator Operation and Maintenance Guidelines" (Appendix A in their permits) posted at each monitor.

Since they were preparing for the incoming body, one of the burners was heating up during the inspection. It was noted that the temperature showed at 1601F, meeting the requirements of their permit.

Recordkeeping Review

Brian graciously showed us the facility's daily records for calendar year 2018. Meeting the requirements of their permit, these records included the time and description of the charge combusted, as well as the printout of the temperature in the combustion chamber.

I pointed out to Brian that in their permits require the weight of the charge combusted to be recorded as well. He said that would not be a problem and showed me where and how he will modify his recordkeeping spreadsheet to incorporate this.

The service and maintenance records were also shown to us, demonstrating that the facility is complying with this record keeping requirement of their permits.

Permit Condition Compliance Review

I reviewed all permit conditions for EUCREMATORY1 and EUCREMATORY2. The facility is in compliance with all emission limits, material limits, process/operational restrictions, design/equipment parameters, testing/sampling, monitoring/recordkeeping, reporting, stack/vent restrictions, and other requirements, except for the missing charge weight records.

I reviewed all permit conditions for EUCREMATORY3 and EUCREMATORY4. The facility is in compliance with all emission limits, material limits, process/operational restrictions, design/equipment parameters, testing/sampling, monitoring/recordkeeping, reporting, stack/vent restrictions, and other requirements, except for the missing charge weight records.

Post-Inspection Meeting

We held a brief post-inspection meeting with Brian. He informed us that the facility currently employs 6 people, 4 burner operators and 2 drivers. We pointed out a new building construction that we had noticed upon arrival, and Brian explained that they are building a pole barn in order to better accommodate the cardboard pallets that they send out for their contractor.

Brian informed us that the facility had conducted 1,376 cremations during calendar year 2018. He also told us that EUCREMATORY3 and EUCREMATORY4 have been operational since May 1st, 2018.

Furthermore, a requirement of their permit is to maintain a scale at the facility in order to verify the charge weight, and Brian explained that each loader cart has a scale built in that weighs the charge. This helps the facility calculate the necessary adjustments for the burner, while also meeting the requirements of their permit.

Lastly, we asked Brian about the pet cremation services advertised on their website. Since their permits are for human remains only, all pet cremation services are sent to a facility in Holt, MI. Brian explained that the Jackson facility only handles the details of the service, and that they send the pet to the Holt facility for the cremation.

We departed the facility around 11:27AM.

Compliance Summary

Based upon the facility inspection, review of the records, and review of applicable requirements the company was found to be in compliance at the time of this inspection, except for the charge weight recordkeeping.

Since Brian showed us how he immediately plans to rectify the records, a violation notice will not be sent. Future inspections should make sure to verify continued charge weight record compliance.



Image 1(Image 1) : Aerial photo

NAME Steph Weems DATE 1-16-19 SUPERVISOR [Signature]