

P0731

MANILA

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

P073159774

FACILITY: J & A CREMATION, INC		SRN / ID: P0731
LOCATION: 23700 WEST ROAD, BROWNSTOWN		DISTRICT: Detroit
CITY: BROWNSTOWN		COUNTY: WAYNE
CONTACT: Kevin Snyder , Family Coordinator		ACTIVITY DATE: 09/09/2021
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : September 9, 2021

TIME OF INSPECTION : 11:00 am

INSPECTED BY : Jill Zimmerman

PERSONNEL PRESENT : Kevin Snyder

FACILITY PHONE NUMBER : 734-595-7300

FACILITY EMAIL : renee@molnarfuneralhome.com

FACILITY BACKGROUND

J & A Cremation, Inc. is located in Brownstown Township in a commercial and residential area. The facility operates a crematory in conjunction with Molnar Funeral Home. The crematory was installed in 2017 and offers a viewing area for family members.

REQUIRED PPE

During the onsite inspection, I wore steel toed shoes and safety glasses.

COMPLAINT/COMPLIANCE HISTORY

No complaints have been received regarding this facility. No violations have been issued to this facility in the past.

PROCESS EQUIPMENT AND CONTROLS

The facility brings in the identified body, which is then weighed before entering the crematory. The temperature, fuel levels, oxygen levels and other controls can be controlled through a computer program. The equipment maintenance and software are managed by Facultative Technology. The facility uses a super burn with allows for more air and less chance of smoke for charges more than 250 pounds.

INSPECTION NARRATIVE

I arrived at the facility and initially observed the exhaust stack for visible emissions. No visible emissions were observed. Next, I met with Mr. Kevin Snyder with Mr. Michael Raudio and Mr. John Molnar also present. Together we discussed the operations of the equipment and reviewed the records. There was a body in the equipment during the inspection. The equipment was operating at a set temperature of 1625 °F during the onsite inspection.

Before the equipment operates, records are collected, which include an identification of the body and weight of the body and stored on a log sheet. The start-up and ending time that the crematory operated is recorded.

The crematory was installed in 2017, with the first cremation occurring on August 23, 2017. A viewing area is available, should family members choose to witness the cremation. Approximately two to three families choose this option monthly.

APPLICABLE RULES/PERMIT CONDITIONS

This facility operates under permit to install (PTI) 134-16. The special conditions are:

EU-ALCRUCHINGCREMATORY01

I. Emission Limits

1. Compliance – The PM emissions are limited to 0.20 lb/1000 lb exhaust. No VE were observed rising from exhaust stack while the equipment was operating.

II. Material Limits

1. Compliance – The facility only burns human bodies.
2. Compliance – The facility limits the burn to bodies weighing less than 425 pounds. Anything weighing more is sent to a larger facility that is built to handle this weight.
3. Compliance – Natural gas is the only fuel used to power this equipment.

III. Process/Operational Restrictions

1. Compliance – The minimum target temperature to operate the equipment is 1625 °F. During the onsite inspection the secondary chamber was operating about 1625 °F.
2. Compliance – Routine maintenance is performed on the equipment at least twice a year by Faultative Technology. The grates are cleaned daily or more often if needed.

IV. Design/Equipment Parameters

1. Compliance – The secondary burner is installed and operating properly. The equipment is maintained regularly, and all manufacturer directives are followed.
2. Compliance – The facility has installed a digital temperature readout on the equipment. All temperatures are recorded through the computer software provided by Faultative Technology and were reviewed during the onsite inspection.

3. Compliance – The facility maintains a scale to weigh all bodies before the process begins. The weight is recorded with the body identification and log sheet for each body.

V. Testing/Sampling – NA

VI. Monitoring/Recordkeeping

1. Compliance – All records were reviewed during the onsite inspection. The records are maintained instantaneously while the equipment is operating.

2. Compliance – The temperature is continuously recorded through the computer software and stored in an onsite computer. A digital reading of the temperature is located on the equipment.

3. Compliance – The time the equipment operates for each body is recorded with the weight and ID for each body. A log is also maintained for each body with included the weight and ID.

4. Compliance – The time a body is in the equipment is recorded for each body.

5. Compliance – The temperature is continuously recorded through the software provided by Facultative Technology and was reviewed during the onsite inspection.

6. Compliance – The facility tracks all maintenance through the computer program provided by Faultative Technology.

VII. Reporting – NA

VIII. Stack/Vent Restrictions

1. Compliance – The stack was installed properly and have not been modified since the installation.

IX. Other Requirements – NA

MAERS REPORT REVIEW

J & A Cremation, Inc is not required to submit MAERS.

FINAL COMPLIANCE DETERMINATION

J & A Cremations, Inc appears to be operating in compliance with all state and federal regulations, as well as all permit conditions. No complaints have been received regarding this facility. No violations have been issued to this facility.

NAME

Jill B.

DATE

6/3/2022

SUPERVISOR

JK