

N7904
MAWILA

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

N790434497

FACILITY: JENNIFER CREMATION INC		SRN / ID: N7904
LOCATION: 21293 RUSSELL, ROCKWOOD		DISTRICT: Detroit
CITY: ROCKWOOD		COUNTY: WAYNE
CONTACT: Jeff Pilch , Operator		ACTIVITY DATE: 09/16/2016
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Non Compliance	SOURCE CLASS: MINOR
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : May 12, 2016
 TIME OF INSPECTION : 10:50 am
 LEVEL OF INSPECTION : II
 NAICS CODE : 812220
 EPA POLLUTANT CLASS : PM
 INSPECTED BY : Jill Zimmerman
 PERSONEL PRESENT : Jeff Pilch, Operator
 FACILITY EMAIL ADDRESS : jeffpilch@icloud.net

FACILITY BACKGROUND

Jennifer Cementation Inc. a pathological waste incinerator which can burn only human or animal remains, anatomical parts, and/or tissue, the bags/containers used to collect and transport the waste material, and animal bedding. The specific equipment permitted at this location is a Matthews International incinerator Model 1E43-PP11 Power PAKII double chamber designed with primary and secondary air inputs. This facility was last inspected on September 28, 2010.

REQUIRED PPE

The facility was closed. No PPE was required because I was unable to enter the facility.

COMPLAINT/COMPLIANCE HISTORY

No complaints have been received regarding this facility. No violations have been issued regarding this facility.

PROCESS EQUIPMENT AND CONTROLS

The facility was permitted to operate a Matthews Model Power Pak II used for human cremation. This equipment was natural gas fired with a maximum charge of 750 pounds and a burn rate of 150 pounds per hour. It appears that this facility is no longer operating, so it is assumed that this equipment has been removed from this location.

INSPECTION NARRATIVE

I arrived in the area of the facility. The only vehicle in the parking lot was from a mowing crew who was performing yard maintenance on the property. There were no signs on the property. The door was locked. When I looked into the window, the lobby was dark, and completely empty, except for one desk. There was nothing on the desk. It is clear that Jennifer's Cremation is no longer operating at this location.

I contacted Martenson Funeral Home after researching the ownership of Jennifer Cremation. I was contacted by Jeff Pilch, who is the operator at Jennifer Cremation and we arranged to me.

9/20/2016

On September 16, 2016 at 2:00 pm I met with Mr. Pilch, and we discussed the process at this location. The equipment was not operating at the time of the inspection. I reviewed the records. Typically, the human body is brought to the facility and cremated, which takes approximately 3 hours. Temperature was being monitored, and there was temperature gauge located on the equipment. I explained that the temperature needed to be kept as a record as well. Mr. Pilch said that the unit operates at 1675 F. The unit is fueled by natural gas.

APPLICABLE RULES/PERMIT CONDITIONS

The facility operated a pathological incinerator. This equipment was operating under permit to install 355-07. The special conditions are as follows:

EU-CREMATORY-1: A Matthews Model Power Pak II natural gas fired human crematory with a maximum charge of 750 pounds.

- 1.1 Compliance – No opacity was observed during the onsite inspection.
- 1.2 Compliance – Only human bodies are burn at this facility.
- 1.3 Compliance – The unit operates at 1675 F, which is higher than the minimum operating temperature of 1600 F.
- 1.4 Compliance – The unit appears to be following proper maintenance.
- 1.5 Noncompliance – The facility is monitoring the operating temperature. The facility will begin recording the temperature along with the current records of waste weight and time in unit.
- 1.6 Compliance – The facility currently records the time, a description of the waste and weight of the waste. These records are maintained on both a calendar and on a log sheet associated with each body.
- 1.7 Noncompliance – The facility monitors the temperature while the unit is operating. However, the operator was unaware that he was required to record the temperature. He will begin recording the temperature along with the other records that are maintained for each body.
- 1.8 Compliance – The stack was installed to proper design requirements and has not been changed since it was installed.

Incinerator Operation and Maintenance Guidelines

1. Compliance – Mr. Pilch, a trained operator, is responsible for operating this unit. He was trained following the recommendations from the manufacturer.
2. Compliance – The unit is cleaned after each body is burned.
3. Compliance – The unit is preheated for approximately 20 minutes.
4. Compliance – The unit is not overloaded and all waste is loaded based on the manufacturer's instructions.
5. Compliance – The unit operates in a manner to minimize smoke and all emissions.
6. Compliance – Only human bodies are burned in this unit.
7. Compliance – The unit operates based on manufactures recommendations.
8. Compliance – The stack is watched to ensure that minimal smoke and emissions are emitted.
9. Compliance – The manufacturer's manual was located near the unit.
10. Undetermined – The operator has only been at this location for approximately a month and a half.

MAERS REPORT REVIEW

NA

FINAL COMPLIANCE DETERMINATION

Jennifer's Cremation Inc. is not in compliance with Permit 355-07. The facility should have a temperature recording device located on the equipment. A Violation Notice will issued to address the temperature recording requirement.

NAME Jill Zimmerman

DATE 9/20/16

SUPERVISOR JK