

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

N575355053

FACILITY: S. M. Services / Faithful Companion Memorials.		SRN / ID: N5753
LOCATION: 4900 FERNLEE, ROYAL OAK		DISTRICT: Warren
CITY: ROYAL OAK		COUNTY: OAKLAND
CONTACT: Thomas E. Rood , Dir. of Market Development / General Manager		ACTIVITY DATE: 08/19/2020
STAFF: Shamim Ahammod	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection to determine the company's compliance with the requirements of PTI No. 310-05D.		
RESOLVED COMPLAINTS:		

On August 19, 2020, Michigan Department of Environment, Great Lakes and Energy-Air Quality Division (EGLE-AQD) staff, I (Shamim Ahammod) conducted a schedule inspection of Faithful Companions Memorials, Inc (SRN: N5753) located at 4900 Fernlee Avenue, Royal Oak, Michigan. The purpose of the inspection was to determine the company's compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; and the conditions of Permit to Install (PTI) No. 310-05D for pet crematory.

Permit History

Permit to Install (PTI) No. 310-05D for the installation and operation of Matthews cremation division was approved on October 18, 2018. PTI No. 310-05C for animal crematory was approved on August 13, 2014 and voided on October 18, 2018. PTI No. 310-05B for animal crematory was approved on 10/05/2011 and voided on 08/13/2014. PTI No. 310-05A for animal crematory was approved on 05/31/2007 and voided on 07/18/2011.

Inspection Arrangement

Due to the COVID-19 pandemic, I prearranged this announced inspection on August 19, 2020.

Onsite Inspection

On August 19, 2020, at 11.55 AM, I arrived at the facility and was greeted by Mr. Thomas E. Rood, Chief Operating Officer of Faithful Companion and Mr. Wayne Kelly, Location Manager of Faithful Companion. I introduced myself, provided credentials, and stated the purpose of the inspection. Mr. Rood, Mr. Kelly, and I toured to the facility. Mr. Rood explained the process of the operation. At the time of inspection, EU-CREMATORY5 was operating and I observed the minimum operating temperature was 1607-degree Fahrenheit of EU-CREMATORY5. EU-CREMATORY1, EU-CREMATORY2, EU-CREMATORY6, and EU-CREMATORY7 were not operating during my inspection. EU-CREMATORY3 and EU-CREMATORY4 have been removed in October 2018, according to Mr. Rood. Emission units were labeled. I did not observe any emissions from the stack.

Source Description

The facility provides pet cremation services. The facility is operating EU-CREMATORY1, EU-CREMATORY2, EU-CREMATORY5, EU-CREMATORY6, EU-CREMATORY7 and EU-CREMATORY8 under the PTI No. 310-05D. FG-IEB16 includes EU-CREMATORY5, EU-CREMATORY6, EU-CREMATORY7 and EU-CREMATORY8, has a multi-chambered incinerator with afterburner.

REGULATORY ANALYSIS

EU-CREMATORY1 and EU-CREMATORY2

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date
EU-CREMATORY1	Matthews Cremation Division Power Pak Jr. (IE43-PPJR) Fuel Type: natural gas Maximum Charge: 300 Pounds Burn Rate: 75 Pounds/Hour Charge Type: ANIMAL "PET" REMAINS	Nov. 29, 2005
EU-CREMATORY2	Matthews Cremation Division Power Pak II (IE43-PPII) Fuel Type: natural gas Maximum Charge: 750 Pounds Burn Rate: 150 Pounds/Hour Charge Type: ANIMAL "PET" REMAINS	May 31, 2007

**The following conditions apply to:
EU-CREMATORY1****Material Limits**

Per SC II.1, the permittee does not burn any waste in EU-CREMATORY1 other than pathological wastes, according to Mr. Rood.

Per SC II.2, I reviewed the cremation log and it appears the permittee does not charge more than 300 pounds per charge in EU-CREMATORY.

Per SC II.3, the permittee burns only pipeline natural gas in EUCREMATORY1 according to Mr. Rood and Mr. Kelly.

Process/Operational Restrictions

Per SC III.1, I reviewed the cremation log and it appears the minimum temperature of 1600°F in the secondary combustion chamber was maintained.

Design/Equipment Parameters

Per SC IV.2, The permittee shall install, calibrate, maintain and operate in a satisfactory manner a device to monitor and record the temperature in the secondary combustion chamber of EU-CREMATORY1 on a continuous basis. I reviewed the daily continuous temperature records at the time of my inspection.

Per SC IV.4, Within 180 days after the issuance of this permit the permittee shall equip and maintain EU-CREMATORY1 with its own natural gas regulator. The permittee has installed the gas regulator on October 25, 2018 and notified AQD.

Monitoring/Recordkeeping

Per SC VI.2, The permittee shall monitor and record the temperature in the secondary combustion chamber of EU-CREMATORY1 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Per SC VI.3, The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, daily records of the time (duration of burn), description and weight of waste combusted in EU-CREMATORY1, as required by SC II.1 and SC II.2. At the time of my inspection, I reviewed the cremation log that specifies the daily records of

the time (duration of burn), description and weight of waste combusted in EU-CREMATORY1.

STACK/VENT RESTRICTIONS

Per VIII.1, At the time of inspection, the exhaust stacks appeared vertical and unobstructed. SV-CREMATORY1 stack appeared to be at least 25 feet above ground in height.

OTHER REQUIREMENTS

Per IX.1, Within 30 days of issuance of this permit, the permittee shall label EU-CREMATORY1 with the emission unit ID and name used at the facility according to a method acceptable to the AQD District Supervisor. At the time of inspection, I observed EU-CREMATORY 1 was labelled with the emission unit ID and name.

The following conditions apply to:

EU-CREMATORY2

Material Limits

Per SC II.1, the permittee does not burn any waste in EU-CREMATORY2 other than pathological wastes, according to Mr. Rood.

Per SC II.2, I reviewed the cremation log and it appears the permittee does not charge more than 750 pounds per charge in EU-CREMATORY2.

Per SC II.3, the permittee burns only pipeline natural gas in EU-CREMATORY2 according to Mr. Rood and Mr. Kelly.

Process/Operational Restrictions

Per SC III.1, I reviewed the cremation log for EU-CREMATORY2, and it appears the minimum temperature of 1600°F in the secondary combustion chamber was maintained.

Design/Equipment Parameters

Per SC IV.2, the permittee shall install, calibrate, maintain and operate in a satisfactory manner a device to monitor and record the temperature in the secondary combustion chamber of EU-CREMATORY2 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Per SC IV.4, Within 180 days after the issuance of this permit the permittee shall equip and maintain EU-CREMATORY1 with its own natural gas regulator. The permittee has installed the gas regulator on October 25, 2018 and notified AQD.

Monitoring/Recordkeeping

Per SC VI.2, the permittee shall monitor and record the temperature in the secondary combustion chamber of EU-CREMATORY2 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Per SC VI.3, the permittee shall keep, in a manner satisfactory to the AQD District Supervisor, daily records of the time (duration of burn), description and weight of waste combusted in EU-CREMATORY2, as required by SC II.1 and SC II.2. At the time of my inspection, I reviewed the cremation log that specifies the daily records of the time (duration of burn), description and weight of waste combusted in EU-CREMATORY2.

STACK/VENT RESTRICTIONS

Per VIII.1, at the time of inspection, the exhaust stacks appeared vertical and unobstructed. SV-CREMATORY2 stack appeared to be at least 24 feet above ground in height.

OTHER REQUIREMENTS

Per IX.1, Within 30 days of issuance of this permit, the permittee shall label EU-CREMATORY1 with the emission unit ID and name used at the facility according to a method acceptable to the AQD District Supervisor. At the time of inspection, I observed EU-CREMATORY 2 was labelled with the emission unit ID and name.

The following conditions apply to: FG-IEB16

Emission Units: EU-CREMATORY5, EU-CREMATORY6, EU-CREMATORY7, EU-CREMATORY8
EU-CREMATORY5, EU-CREMATORY6, and EU-CREMATORY7 were not operating during my inspection.

Material Limits

Per SC II.1, the permittee does not burn any waste in FG-IEB16 other than pathological wastes, according to Mr. Rood.

Per SC II.2, I reviewed the cremation log and it appears the permittee does not charge more than 300 pounds per charge in FG-IEB16.

Per SC II.3, the permittee burns only pipeline natural gas in FG-IEB16 according to Mr. Rood and Mr. Kelly.

Process/Operational Restrictions

Per SC III.1, I reviewed the cremation log for FG-IEB16, and it appears the minimum temperature of 1600°F in the secondary combustion chamber was maintained.

Design/Equipment Parameters

Per SC IV.2, the permittee shall install, calibrate, maintain and operate in a satisfactory manner a device to monitor and record the temperature in the secondary combustion chamber of FG-IEB16 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Monitoring/Recordkeeping

Per SC VI.2, the permittee shall monitor and record the temperature in the secondary combustion chamber of FG-IEB16 on a continuous basis. I reviewed the daily continuous temperature records during the inspection.

Per SC VI.3, the permittee shall keep, in a manner satisfactory to the AQD District Supervisor, daily records of the time (duration of burn), description and weight of waste combusted in FG-IEB16, as required by SC II.1 and SC II.2. at the time of my inspection, I reviewed the cremation log that specifies the daily records of the time (duration of burn), description and weight of waste combusted in FG-IEB16.

STACK/VENT RESTRICTIONS

Per VIII.1, at the time of inspection, I observed the exhaust stacks appeared vertical and unobstructed.

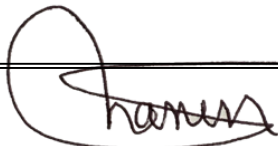
OTHER REQUIREMENTS

Per IX.1, Within 30 days of issuance of this permit, the permittee shall label FG-IEB16 with the emission unit ID and name used at the facility according to a method acceptable to the AQD District Supervisor. At the time of inspection, I observed emission units of FG-IEB16 were labelled with the emission unit ID and name.

Conclusion

Based on the on-site inspection, it appears Faithful Companions Memorials, Inc is in compliance with the requirements of PTI No. 310-05D.

NAME _____



DATE September 10, 2020

SUPERVISOR _____

