

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

N726663139

FACILITY: WALBORN, BRIAN - SUNRISE CREMATORY COMPANY		SRN / ID: N7266
LOCATION: 1471 W. WASHINGTON AVE., ALPENA		DISTRICT: Gaylord
CITY: ALPENA		COUNTY: ALPENA
CONTACT: Brian Walborn ,		ACTIVITY DATE: 06/07/2022
STAFF: David Bowman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled inspection for compliance with PTI 166-03.		
RESOLVED COMPLAINTS:		

On 6/7/22 David Bowman, MI EGLE AQD and Sharon Leblanc, MI EGLE AQD, conducted a scheduled inspection for N7266 Brian Walborn PTI 166-03. Brian is the owner/operator of the crematory that operates as Alpena Wilbert Vault Co, located at 1471 W Washington Ave, Alpena MI 49707. Temperature was in 60s and was partly cloudy with light winds.

From the intersection of M32/Washington Ave and Bagley street travel east for approximately 1,000 feet and the source is located on the north side of the road, immediately west of the cemetery. It is the second building from the road and is white.

Upon arriving we surveyed the exterior of the building and saw no visible emission emitting from the stack. Upon entry it was confirmed that they were not in process of disposal of any remains in EU-Crematory. Upon entry the site is clean and well maintained. They have separate work areas for creation of caskets, crematory, and cold storage for cadavers waiting destruction. They have a bulletin board with all the proper licensing credentials and a copy of PTI 166-03 on display and available for any to review.

The incinerator is a self-contained combustion chamber with emission stack. The temperature and time in combustion is computer controlled and preset by the manufacturer and source. It is a single combustion chamber that has no grates and is enclosed by refractory material to maintain the heat internally. Once combustion is complete the unit is cooled down and the remains are transferred to a small storage box (directly below the entrance door to the combustion chamber) to cool before packaging to be given to funeral home/loved ones/etc. Located inside the door of the PLC housing is the manufacturers paperwork and operator's manual.

There is a cold storage room that can house up to six cadavers. The remains are stored in the same room as the entrance to cold storage and EU-Crematory. The entire room is monitored 24/7 for access by funeral directors to ensure that the remains are accounted for at all times.

The conditions of the permit:

Emission Limits: PM/0.20 lbs per 1,000 lbs of exhausted gases, corrected to 50% excess air, determined by GC 11 (VE observations) and GC 13 (testing if required by the Department. The operator and/or Facility staff conducts onsite observations when EU is operating to confirm VEs are below 20 % or are at normal operating levels and the Department has not required GC13 conditions be met.

Material Usage Limits:

1.2 The permittee shall not burn any waste in EU-Crematory other than the following waste:

Pathological Wastes defined in 40 CFR 60.51c.

Findings- Source records review confirm that only pathological wastes are burned in EU-Crematory

Process/Operational Limits

1.3 The permittee shall not combust waste in EU-Crematory unless a minimum temperature of 1600°F and a minimum retention time of 1.0 second in the secondary combustion chamber are maintained. Findings - Records review and set points on the device confirm that the minimum temperature is maintained during combustion.

1.4 The incinerator shall be installed, maintained, and operated in a satisfactory manner to control emissions from EU-Crematory. At list of recommended operating and maintenance procedures is specified in appendix A of the PTI.

Findings- All requirements of Appendix A are met by source and they communicate with manufacturer often to ensure best performance of EU-Crematory. Maintenance is split between Brian and the manufacturer where he has also been trained on proper maintenance.

Monitoring

1.5 The permittee shall install, calibrate, maintain and operate in a satisfactory manner a device to monitor and record temperature in the secondary combustion chamber.

Findings- there are two displays for temperature. There is a digital display that has presets on it to maintain temperature and a paper disc recording system that records time and temperature while in use. The discs were reviewed during the records review of the source.

Stack/Vent Restrictions

1.8 SV-Crematory 20" Max and 18' AGL.

Findings- From the ground and what is attached directly to EU-Crematory the stack appears to be no more than 20" diameter and 18' minimum..

I found the source to be compliant with the requirements of PTI 166-03.

NAME _____

DATE _____

SUPERVISOR _____