

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

N731357299

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| FACILITY: NORTHERN MICHIGAN CREMATION SERVICES | | SRN / ID: N7313 |
| LOCATION: 15 KALKASKA RD., LAKE CITY | | DISTRICT: Cadillac |
| CITY: LAKE CITY | | COUNTY: MISSAUKEE |
| CONTACT: Angie Holdship , | | ACTIVITY DATE: 03/16/2021 |
| STAFF: Kurt Childs | COMPLIANCE STATUS: Compliance | SOURCE CLASS: MINOR |
| SUBJECT: Compliance Inspection PTI 285-03. | | |
| RESOLVED COMPLAINTS: | | |

I conducted an inspection of Northern Michigan Cremation Services to determine compliance with Permit to Install (PTI) number 285-03 and the Air Pollution Control Rules. This facility is located one block East of M-66 on Kalkaska St. in Lake City, there are homes and other businesses nearby. One large exhaust stack exits the roof of the unmarked building. At the time of the inspection the weather was overcast, temperature 34 degrees F with calm winds. Several inches of new snow were on the ground. Prior to the inspection I observed atmospheric distortion due to heat escaping the stack but no visible emissions. The stack appeared to comply with the 18" maximum diameter and 20' minimum height dimensions in the PTI.

I had pre-scheduled this inspection to observe it in operation and since the facility is normally not manned unless it is operating. I met with Ms. Angie Holdship and Mr. Doug Sindlinger who operates the facility for Northern Michigan Cremation Services. I presented my credentials as well as a business card. I provided Ms. Holdship with a copy of PTI 285-03. I had met with Mr. Sindlinger during the previous inspection and he is very familiar with the operation of the process, having been involved from its inception. He was trained and certified to operate the crematory at that time.

We observed the crematory equipment which is housed within the building. The equipment on-site was as described in the permit application; one B&L Model N-20 natural gas fired crematory. It appeared to be in good condition and Mr. Sindlinger stated that they have B&L Cremation Systems inspect and maintain the unit once each year. Mr. Sindlinger attends to additional cleaning and maintenance throughout the year. The crematory is equipped with a temperature readout for the secondary combustion chamber, a circular paper chart for recording the temperature and an opacity alarm/light.


The crematory was operating at the time of the inspection. It is only used for cremation of human remains according to Ms. Holdship. The crematory is equipped with a temperature monitor and Mr. Sindlinger stated it is operated at a set point of 1650 degrees F minimum which was being maintained at the time of the inspection. The PTI requires a minimum operating temperature of 1600 degrees. The temperature chart recorder was added following the previous inspection as required by Special Condition 1.7. of the PTI.

Special Condition 1.6 requires that daily records of the description and weight of waste combusted in the crematory be maintained. At the time of the inspection Mr. Sindlinger had a binder of daily records that provided a description of each charge.

The weight of each charge is entered directly on the paper chart along with the temperature record for that charge.

The N-20 crematory is rated at 150 lbs/hr. maximum load. Mr. Sindlinger stated that the duration of the burn is controlled manually and lasts until the burn is complete. This is reflected in the burn time indicated on the temperature chart and demonstrates that the 150 lbs/hr. limit is not exceeded.

As a result of this inspection it appears that Northern Michigan Cremation Services are operating the crematory in compliance with PTI 285-03 and the Michigan Air Pollution Control Rules.

NAME 

DATE _____

SUPERVISOR _____