

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

P060032206

FACILITY: SYTSEMA CREMATION SERVICES		SRN / ID: P0600
LOCATION: 773 E APPLE AVENUE, MUSKEGON		DISTRICT: Grand Rapids
CITY: MUSKEGON		COUNTY: MUSKEGON
CONTACT: Scott Sytsema , Responsible Official		ACTIVITY DATE: 11/05/2015
STAFF: Kaitlyn DeVries	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: The purpose of this inspection was to determine compliance with Permit to Install (PTI) Number 53-15 and any other applicable Air Quality Rules and Regulations.		
RESOLVED COMPLAINTS:		

On Thursday November 5, 2015 AQD Staff Kaitlyn DeVries (KD) conducted an unannounced, scheduled inspection of Sytsema Cremation Services (also known as STC Holdings, Inc) located at 773 East Apple Avenue, Muskegon, Michigan. The purpose of this inspection was to determine compliance with Permit to Install (PTI) Number 53-15 and any other applicable Air Quality Rules and Regulations.

KD arrived on site at approximately 1:45 pm and left the facility at approximately 2:20 pm. KD met with a few staff members before being escorted to the cremation area to meet Mr. Andy Scadding, Installation Manager at Facultatieve Technologies, who was finishing up installing the unit. Mr. Scadding stated that the unit should be fully operational early the next week, and invited KD back to see the unit in operation at that time.

KD presented the Environmental Rights and Responsibilities pamphlet to one of the funeral home employees as well as later, to Mr. Scott Sytsema, Responsible Official.

KD returned on Wednesday November 18, 2015 to see the unit operational.

Facility Description and Compliance Evaluation:

Sytsema Cremation Services (Sytsema) is a human crematory, which has only one (1) unit. The unit is a natural gas fire Facultatieve Technologies Model FT III unit. The primary burner is 0.95 MMBtu/hr and the secondary burner is 1.2 MMBtu/hr. The unit has a maximum charge of 1,200 pounds and a burn rate of 200 pounds/hr. The unit is also required to maintain a minimum temperature of 1600 °F.

Since the unit was not operational at the time of the initial visit, no records could be collected or evaluated. KD spoke with Mr. Scadding about the specifications of the unit. Mr. Scadding showed KD the location of the continuous temperature monitoring device and stated that the unit was equipped with an interlocking, and audible alarm system for both high low temperature settings. The unit will continuously be monitored, remotely by Facultatieve Technologies at their Ohio location, and the data could always be able to be made readily available. KD thanked Mr. Scadding for sharing pertinent information regarding setup and operation of the unit.

One of the owners, Mr. Scott Sytsema, who had recently arrived on site, briefly spoke with KD about future plans for the building, the purpose of the visit, about some of the relevant conditions outlined in the permit. KD went on to explain that a future inspection, when the unit is operational, will include looking at applicable records associated with PTI No. 53-15, and explained some other aspects of what to expect during a typical inspection. Mr. Sytsema also invited KD to come back when the unit is operational.

KD returned to the site on Wednesday November 18, 2015 to complete the compliance inspection and met with three of the responsible officials, Mr. Scott Sytsema, Mr. John Sytsema, and Mr. Todd Sytsema. The unit was now fully operational, and the secondary combustion chamber was running at a temperature of 1706°F. Mr. Scott Sytsema showed KD some of the records, including temperature trends, from earlier in the week and the week before. KD reviewed the records, on site and deemed them acceptable. Mr. Scott Sytsema also mentioned that a camera was going to be installed on the roof, near the stack so that opacity monitoring can be conducted.

Compliance Determination:

Based on the information observed during the inspection and the records reviewed on site, Sytsema Cremation Services appears to be in compliance with Permit No. 55-13 and all other applicable Air Pollution Rules and Regulations.

NAME Kaitlyn Davis DATE 11/19/2015 SUPERVISOR PAAB