

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

N734960057

FACILITY: U of M Health / Metro Health HOSPITAL		SRN / ID: N7349
LOCATION: 5869 METRO WAY, WYOMING		DISTRICT: Grand Rapids
CITY: WYOMING		COUNTY: KENT
CONTACT: Jeff Archambeau , Central Utility Engineer		ACTIVITY DATE: 09/10/2021
STAFF: Michael Cox	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled Unannounced Inspection		
RESOLVED COMPLAINTS:		

On Friday September 10, 2021, AQD Staff Michael Cox (MTC) conducted an unannounced scheduled inspection of U of M Health/ Metro Health Hospital located at 5869 Metro Way, Wyoming, MI 49519. The purpose of this inspection was to verify compliance with all applicable air quality rules and regulations. MTC arrived on site at approximately 8:30 am and contacted Mr. Jeff Archambeau, Central Utility Engineer, to conduct the inspection. No visible emissions or odors were noted upon arrival.

Facility Description:

U of M Health/ Metro Health Hospital operates three identical Clever Brooks boilers, rated for 20.412 MMBtu/hr each used to heat the hospital. The boilers have small economizers for feedwater preheat. They normally run one boiler at a time, with another on warm stand-by, and the other available for inspection. During the winter they may get one boiler to 100% output, but it is rare. They have only ever run-on natural gas but has propane for backup.

Compliance Evaluation:

The three Clever Brooks boilers are subject to 40 CFR Part 60, New Source Performance Standards (NSPS) Subpart Dc. Subpart Dc requires natural gas-fired boilers to maintain records of gas consumption. Mr. Archambeau provided a three ringed binder containing fuel consumption logs for the boilers. Mr. Archambeau stated that the natural gas meter is read every Monday. This was also correlated in the logs. Since Subpart Dc doesn't require a limit on natural gas consumption, the logs were not retained, but verified on site. During a tour of the boilers MTC verified the boiler plates of each boiler. All three boilers were identical with a stated rate of 20.412 MMBtus/hr. It was also noted that the boilers are inspected by FM Global on a four-month rotating schedule. Boiler #1 was last inspected on May 21, 2021, Boiler #2 was last inspected on November 10, 2020, and is scheduled to be inspected in November 2021. Boiler #3 was last inspected on August 20, 2021.

Additionally, Subpart Dc requires that an initial notification be submitted to EPA as well as to AQD. After a review of the file an initial notification was not located, however the notification was logged into the AQD system as being received on October 12, 2006.

Conclusion:

Based on the review of the records provided and on-site observations, U of M Health/ Metro Health Hospital is in compliance with all applicable air quality rules and regulations.

NAME Michael T. Cox

DATE 9/23/21

SUPERVISOR HH