

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

F418170808

FACILITY: MARQUETTE GENERAL HOSPITAL		SRN / ID: F4181
LOCATION: 420 W MAGNETIC ST, MARQUETTE		DISTRICT: Marquette
CITY: MARQUETTE		COUNTY: MARQUETTE
CONTACT: Cheryl Bollero-Oberstar , Director of Maintenance		ACTIVITY DATE: 02/06/2024
STAFF: Lauren Luce	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Self-Initiated Inspection FY24		
RESOLVED COMPLAINTS:		

Facility: Marquette General Hospital (SRN: F4181)

Location: 420 W Magnetic, Marquette, Marquette County, MI

Contacts: Cheryl Bollero-Oberstar, Director of Plant Operations

Dan, Boiler Operator

Regulatory Authority

Under the Authority of Section 5526 of Part 55 of NREPA, The Department of Environment, Great Lakes, and Energy (EGLE) may upon the presentation of their card, and stating the authority and purpose of the investigation, enter and inspect any property at reasonable times for the purpose of investigating either an actual or suspected source of air pollution or ascertaining compliance or noncompliance with NREPA, Rules promulgated thereunder, and the federal Clean Air Act.

Facility Description

Marquette General Hospital (MGH) was initially constructed at St. Luke's Hospital in 1915. The hospital underwent numerous renovations and additions throughout the years. There was a large South Tower addition in 1981 and the North Campus (Neldberg Building) in 1992. The hospital relocated its operations to the new UPHS – Marquette in 2019. However, some clinics still continue to operate in the Neldberg Building. The campus is now owned by the NMU foundation. Demolition of the South Campus began in October 2023. Phase 2 of the demolition, which includes the Neldberg building, is scheduled to begin in Fall 2024.

Regulatory Analysis

MGH is currently subject to PTI No. 189-82 and PTI No. 638-79. Both PTIs are for boilers located on the South Campus.

Inspection

On February 6, 2024, AQD Staff (Lauren Luce) conducted a self-initiated inspection at Marquette General Hospital in Marquette, MI. AQD Staff arrived at the facility and met with Cheryl Bollero-Oberstar, Director of Plant Operations and Dan, Boiler Operator. The inspection began by discussing permitted equipment and facility operations. A tour of the facility was then provided.

The facility would like to void PTI No. 189-82 and PTI No. 638.79. Both of these PTIs are for boilers at the South Campus that are now demolished. An email request to void these permits has been

received and will be forwarded to the permit section. A tour of the North Campus (Neldburg building) was provided to view the boilers that are still on-site. Equipment on-site currently includes:

- (3) Identical Bryan flexible tube hot water heating boilers with a heat input of 8.5MMBtu/hr through three separate stacks on the roof.
- (2) Identical Bryan flexible tube steam humidifying boilers with a heat input of 2.6MMBtu/hr exhausted through one shared stack on the roof.

The above units are able to run on natural gas or fuel oil. At the time of inspection, the boilers were running on natural gas. The units no longer run on fuel oil and fuel oil is not stored on site. All Bryan boilers were installed in 1990. Ryan Whaley (Environmental Engineer with TriMedia) was also on-site for the inspection representing the NMU Foundation who currently owns the building and leases out portions to UPHS-Marquette. It was stated that the equipment listed above would be demolished in Fall 2024.

Compliance

Based on this inspection, it appears the boilers on-site meet the exemption under Rule 282(2) (b)(i) when burning natural gas.



Image 1: Boiler 5 hot water heating boiler

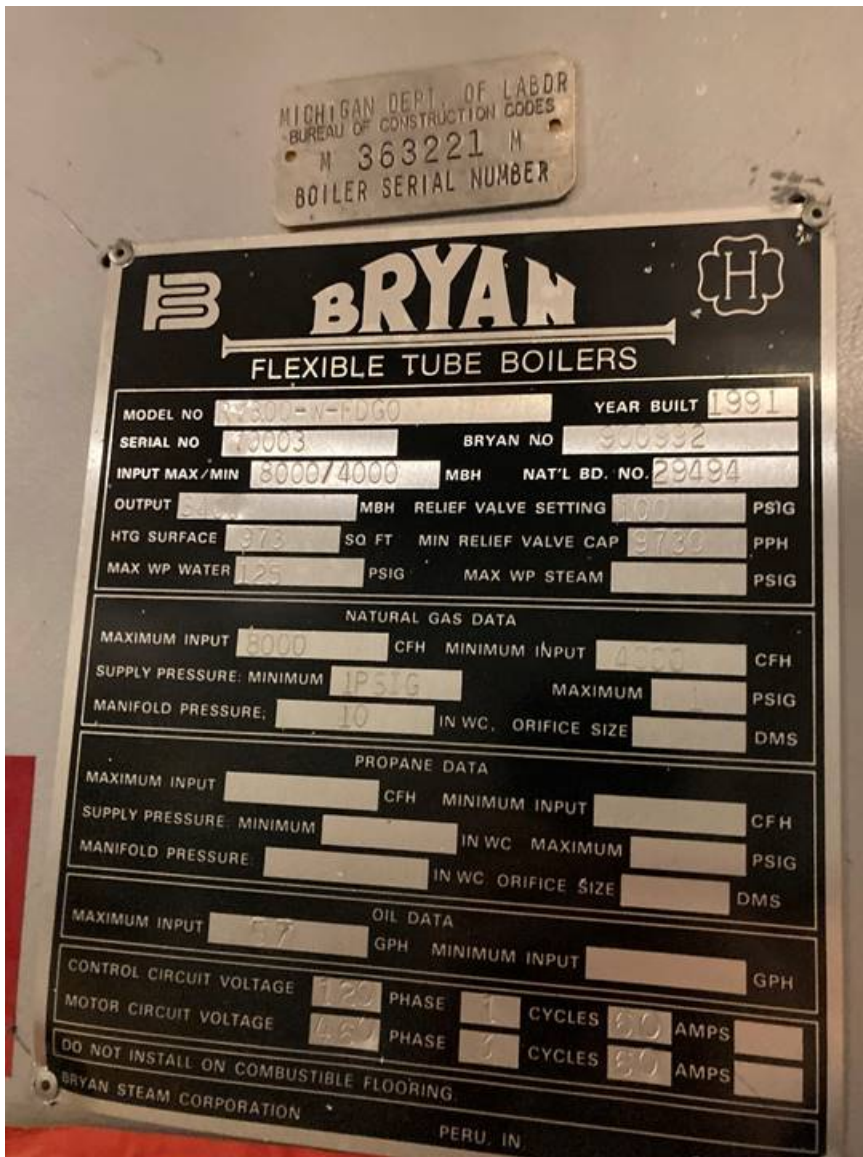


Image 2: Heating Boiler Name Plate



Image 3: Heating Boiler Stacks

NAME *Sam Sam*

DATE 2-13-2024

SUPERVISOR *Michael Kellin*