

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

F418126299

FACILITY: MARQUETTE GENERAL HOSPITAL		SRN / ID: F4181
LOCATION: 420 W MAGNETIC ST, MARQUETTE		DISTRICT: Upper Peninsula
CITY: MARQUETTE		COUNTY: MARQUETTE
CONTACT: Jen Laurin , Manager - Central Supply		ACTIVITY DATE: 08/07/2014
STAFF: Ed Lancaster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Scheduled, unannounced inspection.		
RESOLVED COMPLAINTS:		

I arrived at the MGH Central Supply Room around 0930 and asked to speak with Mr. Northrup. I was informed Mr. Northrup does not start work until the afternoon shift, instead I spoke with the new manager of Central Supply, Ms. Jen Laurin. I informed Ms. Laurin the purpose of my visit and asked to review the records for the EtO sterilizers.

Central Supply keeps daily and monthly records of the amount of EtO used for Unit Nos. 3 and 5. Each operation of the sterilizers uses 0.22 pounds of EtO. The records date back to January 2009. Typically only 0.22 or 0.44 pounds of EtO was used per day, on rare occasions 0.66 pounds would be used (SC No. 1.2). The hospital's records for the last 12-months were recorded as follows (SC No. 1.7):

Month/Year	# of loads	pounds of EtO
July '14	14	3.08
June	15	3.30
May	21	4.62
April	24	5.28
March	20	4.40
February	21	4.62
January	25	5.50
December '13	19	4.18
November	21	4.62
October	23	5.06
September	23	5.06
August	23	5.06
July	22	4.84

In addition to the EtO sterilizers permit the hospital also has permits for three (3) gas-fired, with fuel oil back-up, 500-hp steam boilers. Ms. Laurin called Mr. Dan Engstron of the maintenance department to answer my questions regarding the boilers.

After speaking with Mr. Engstron and his manager Ms. Cheryl Bolero-Oberstar, it was determined the boilers are not subject to the Boiler NESHAP 6J, because they are located at an institution and meet the definition of a gas-fired boiler (see below) and only fire fuel oil if there is a gas curtailment, which Mr. Engstron said happened for the first time this past winter in his 20 years with the hospital.

*Gas-fired boiler includes any boiler that burns gaseous fuels not combined with any solid fuels and burns liquid fuel only during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.*

In addition to the boilers the company also has five emergency generators, two (2) 300 KiloWatt units and three (3) 750 KiloWatt units, all are fired on fuel oil. These units are not subject to the RICE MACT Standard (Part 63, Subpart ZZZZ), because they are defined as "institutional emergency RICE" generators, Section 63.6590(b)(3).

At the time of my inspection it appeared the hospital was in compliance with their Air Use Permits and the applicable Federal Standards.

NAME Ed Lancaster

DATE 8/8/14

SUPERVISOR \_\_\_\_\_