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

C990347768

FACILITY: OVID HEALTHCARE CENTER		**SRN / ID:** C9903
LOCATION: 9480 EAST M-21, OVID		**DISTRICT:** Lansing
CITY: OVID		**COUNTY:** CLINTON
CONTACT: Dana Boggs, RN , Director of Nursing		**ACTIVITY DATE:** 02/05/2019
STAFF: Julie Brunner	**COMPLIANCE STATUS:** Compliance	**SOURCE CLASS:** MINOR
SUBJECT: Scheduled compliance inspection		
RESOLVED COMPLAINTS:		

Inspection Date: February 5, 2019
Arrived: 11:03 am
Departed: 11:55 am

Weather:
32°F, NNW 6 mph, cloudy

Facility Contact:
Ms. Dana Boggs, RN, DON, ovid-don@cienafacilities.com, 989-834-2228
Mr. Mike Simmons, Maintenance

Last AQD Inspection Date: October 30, 2007

Facility Description:
Ovid Healthcare Center (OHC) Ciena Healthcare bought the facility in June 2018. OHC is located off of M-21 just southeast of downtown Ovid. The facility is surrounded by farmland and some commercial establishments.

OHC is a minor source with one (1) voided Permit to Install (PTI) 14-84I – American Model 610 incinerator (60H/Hr) for Type 1 waste. The incinerator equipment has been removed from the facility.

The facility is staffed 24/7.

No odors or visible emissions were identified outside of OHC upon arrival.

Facility heat and low pressure steam is provided by four (4) natural gas-fired boilers. The boilers vent to a common refractory chimney block leading to a stack that vents out the roof.

Weil-McLain Boiler, Model No. MGB-9
Heat Input – 1.36 MMBtu/hr
Produces hot water at 140°F - 160°F

Three (3) identical Dunkirk Radiator boilers
Boiler Type - Cast
Year Built – 1995
Heat Input - <1 MMBtu/hr

40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units - The provisions of this subpart apply to each steam generating unit that commences construction, modification, or reconstruction after June 9, 1989, and that has a maximum design heat input capacity of 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)) or less, but greater than or equal to 2.9 MW (10 MMBtu/hr). None of the boilers at OHC are subject to this standard because they are too small.

The boilers are exempt from permitting under Rule 282(2)(b)(i) for fuel-burning equipment that is used for space heating, service water heating, electric power generation, oil and gas production or processing, or indirect

heating and which burns natural gas in equipment that has a rated heat input capacity of not more than 50 MMBtu/hr.

The facility has three (3) natural gas-fired tank style hot water heaters. Two of the hot water heaters are located in the mechanical room with the boilers and vent out the common chimney block. The third hot water heater is in the laundry room and vents out a roof stack above the hot water heater. The tank capacity of each is ~100 gallons with a heat input of ~13,000 Btu/hr. The hot water heaters provide hot water to laundry and dishwashing equipment. A minimum water temperature of 110°F is required. The hot water heaters are exempt from permitting under Rule 282(2)(b)(i).

There is one (1) diesel fuel-fired emergency generator. It is a Katolight Power Package, Model D100FPP4, Serial no. LM220475 C-43674, Engine Model 1006TG, 100 KW and 125 KVA. The maximum heat input is estimated by AQD staff to be approximately 1 MMBtu/hr. The engine clock has 768 hours on it. It is run weekly for a half hour test of operation. The emergency generator is exempt from permitting under Rule 285(2)(g) for internal combustion engines that have less than 10 MMBtu/hr maximum heat input. It is probably subject to 40 CFR 63, Subpart ZZZZ as an existing emergency generator. This requires (at a minimum) that the generator be operated less than 100 hours per year (for readiness testing) and maintain an engine clock. Actual emergency operation is unlimited.

Summary:
OHC has all exempt equipment, and is in compliance with state and federal air rules and regulations.

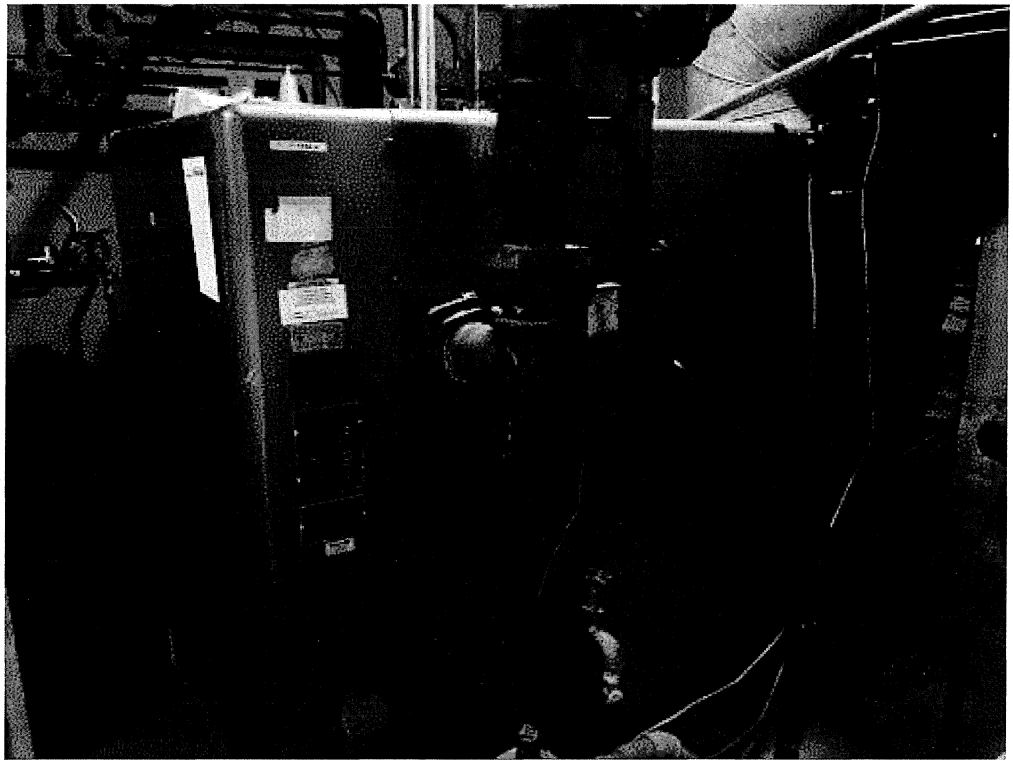

Image 1(19) : Weil-McLain Boiler

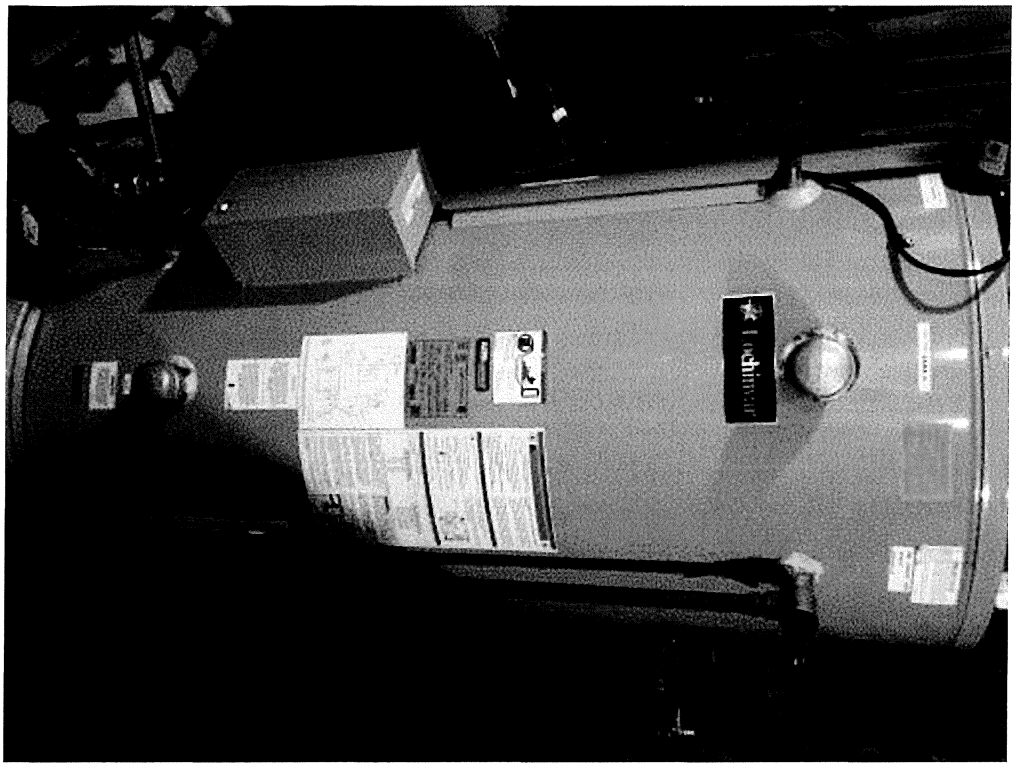

Image 2(22) : Hot water heater

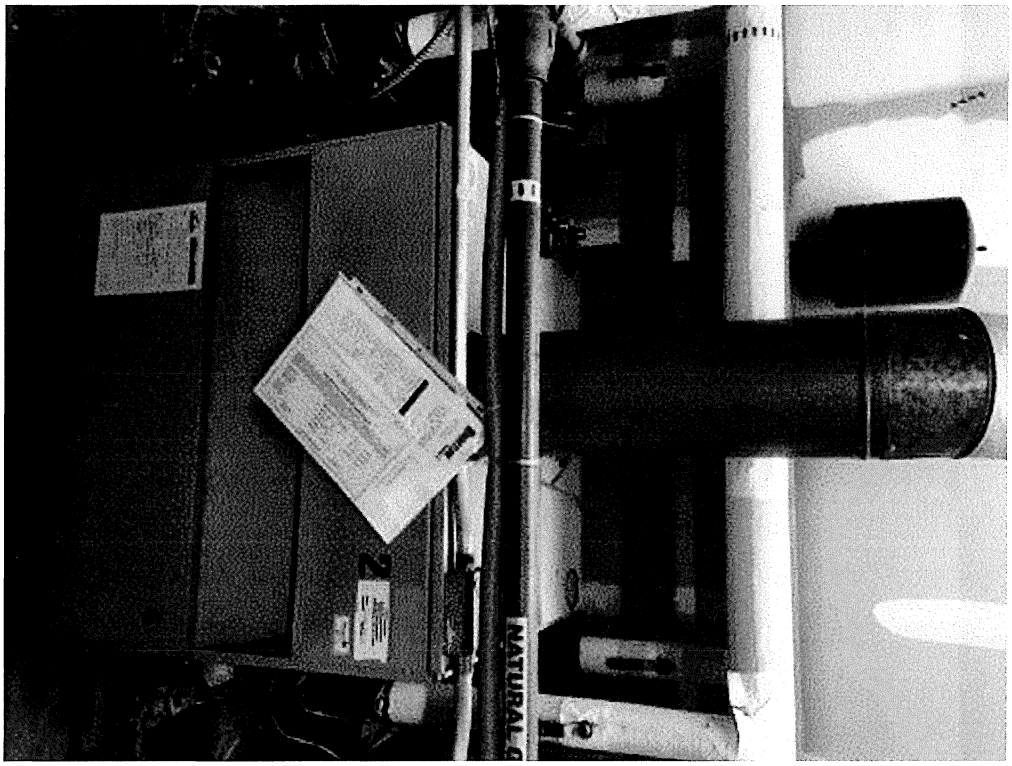

Image 3(26) : Dunkirk Radiator boiler

NAME Julie P. Brown DATE 2/7/19 SUPERVISOR B.M.