Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date	Certificate Issued	Expiration Date	Prepared for Inspection	Next Watersides/Firesides	Next Strength Test
10/7/2019	No		Yes	2020/2020	0

Inspection Type(s) Performed

☑ **Internal** ☐ Watersides ☑ Firesides ☑ **External/Operational** ☐ **Pressure Test** ☐ Strength ☑ Tightnes

Customer	Boiler Location Name and/or Building Number
USARC Schenectady NY060	2nd Floor Boiler Room
Address	**Boiler Location Address**
1201 Hillside Ave	

City	State	Zip	City	State	Zip
Schenectady	NY	12309			0

National Board #	Jurisdiction #	Property #	Boiler Use	Fuel Type
254478	Asset# 10450	B-#1	Closed Heating Loop	Natural Gas

Manufacturer	Model #	Serial #	Year Built
Lochinvar	KBN501	C13H10254478	

Capacity	Design Pressure	Operating Pressure	Programmer Manufacturer	Burner Manufacturer
500,000 BTU/HR	160 psi	12-20 psi	Lochinvar	Lochinvar

Number of Safety Valves	Combustion Efficiency			Flue Gas Temperature
1	% CO2	ppm CO	% Excess O2	Degrees F

	Valve Manufacturer	Size	Set Pressure	Capacity	Lift Pressure	Reseat Pressure
Valve 1	Apollo	3/4"	50 psi	697,000 BTU/HR	Hand	Sat
Valve 2						
Valve 3:						
Valve 4:						

Safety Devices Tested

The boiler could not be fired for testing. Table 3-1 of UFC-3-430- 07 requires an operational test of all required controls.

Reason(s) for Declining Certification

Both ASME CSD-1 CE-110 (b) and Part 1 Para. 3.5.3.1 c of the National Board Inspection Code require a remote emergency disconnect. Building management system would not allow the boiler to be lit off for operational testing of safety devices.

Comments

This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. The firesides were viewed with 45 psi ambient water pressure on the setting. There was no indication of any leaking. There is an accumulation of particulates in the bottom of the combustion chamber. This should be cleaned to ensure that the condensing feature of this boiler remains in effect. Manufacturers recommended cleaning of the combustion chamber is necessary.

Inspector Commission	Inspector	Signature
13314	Craig H. Bennett	Craig Bennett
Attachments	**Technical Manager**	**Signature**
Yes 3 Pages	Jerry Kuykendall	Jerry Kuykendall