

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 10/7/2019	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2020/2020	Next Strength Test 0
Inspection Type(s) Performed <input checked="" type="checkbox"/> Internal <input type="checkbox"/> Watersides <input checked="" type="checkbox"/> Firesides <input checked="" type="checkbox"/> External/Operational <input type="checkbox"/> Pressure Test <input type="checkbox"/> Strength <input checked="" type="checkbox"/> Tightness					
Customer USARC Schenectady NY060			Boiler Location Name and/or Building Number 2nd Floor Boiler Room		
Address 1201 Hillside Ave			Boiler Location Address		
City Schenectady	State NY	Zip 12309	City	State	Zip 0
National Board # 254478	Jurisdiction # Asset# 10450	Property # B-#1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN501		Serial # C13H10254478	Year Built
Capacity 500,000 BTU/HR	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Lochinvar	Burner Manufacturer Lochinvar	
Number of Safety Valves 1	Combustion Efficiency % CO2 ppm CO % Excess O2				Flue Gas Temperature Degrees F
Valve 1	Valve Manufacturer Apollo	Size 3/4"	Set Pressure 50 psi	Capacity 697,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
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 13314	Inspector Craig H. Bennett	Signature <i>Craig Bennett</i>			
Attachments Yes 3 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			