

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 2022/2020	Next Strength Test 0	
Inspection Type(s) Performed <input checked="" type="checkbox"/> Internal <input checked="" 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 # 230359	Jurisdiction # Asset# 10448	Property # B-#3	Boiler Use Closed Heating Loop	Fuel Type Natural Gas		
Manufacturer Lochinvar		Model # KBN501		Serial # I12H10230359	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	Reseat Pressure Sat
Valve 2						
Valve 3:						
Valve 4:						
Safety Devices Tested Blocked Intake Switch, Flame Rods, Blocked Drain, Flow Switch, Operating Temperature Control, High Temperature Lockout, and Safety Relief Valve. The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It Lifted freely and reseated with no leakage.						
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.						
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 2 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>				