


# 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 checked="" 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	
National Board # 230340	Jurisdiction # Asset# 10449	Property # B-#2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN501	Serial # I12H10230340	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 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 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 resealed 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 			
Attachments Yes 2 Pages	Technical Manager Jerry Kuykendall	Signature 