

not cert


NO # 5885

10/30

## Argent Inspections

## Form AI-03

## Boiler Inspection Report

Inspection Date 10/30/2018	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2021/2019	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 checked="" type="checkbox"/> Pressure Test <input type="checkbox"/> Strength <input checked="" type="checkbox"/> Tightness					
Customer USARC Baltimore MD-002			Boiler Location Name and/or Building Number Boiler Room		
Address 700 E Ordinance Road			Boiler Location Address		
City Brooklyn Park	State MD	Zip 21225	City	State	Zip
National Board # 173566	Jurisdiction #	Property # Blr-2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN-501	Serial # K10H10173566	Year Built 2010	
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
Valve 1	Watts	3/4"	50 psi	950,000 BTU/HR	Hand
Valve 2					leaking
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rods, Combustion Air Switch, Flow Switch, Blocked Drain.					
Reason(s) for Declining Certification The operating temperature control and the high temperature lockout on the controller did not affect the boiler. It appears that these controls functions have been re-assigned to a building management system. The password to the building management system is not known to anyone on site. Until I can determine what is controlling the operating temperature and the high temperature lockout I cannot finish the inspection.					
Comments Watersides were viewed. There is some accumulation of hardness beginning to plate out on the heat transfer surfaces. The safety relief valve shows evidence of frequent lifting. This is probably due to the expansion system not functioning properly and taking on excessive make-up. Recommend that the expansion system be evaluated and adjusted. The combustion chamber on this unit should be cleaned at the intervals recommended by the manufacturer to ensure efficient function of the condensing feature of this boiler.					
Inspector Commission 13314	Inspector Craig H. Bennett	Signature 			
Attachments No                      Pages	Technical Manager Craig H. Bennett	Signature 