

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 9/18/2020	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2022/2021	Next Strength Test
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 99th RSC R2 Z1 NY060 USARC Schenectady			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	
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 1	Valve Manufacturer Apollo	Size 3/4"	Set Pressure 30 psi	Capacity 697,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Intake Switch, Low Water Lockout, Flow Switch, Operating Temperature Control, High Temperature Limit Automatic Reset, High Temperature Limit Manual Reset, and 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 3.5.3.1 c) of the National Board Inspection Code require a remote emergency disconnect. This is a repeat finding from last years inspection.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Moderate to heavy debris observed on firesides and no evidence of leakage with hydrostatic pressure of 20 psi on watersides. It is recommend that firesides be cleaned ASAP. All safety devices tested functioned properly during the inspection process. To allow certification please install an emergency remote disconnect and a stop valve in boiler discharge line as required by NBIC Part 1 Section 3.7.5.1 (b)(1) prior to next inspection. Please install CO monitor/alarm as required by NBIC 2019 prior to next inspection. See attachments for guidance.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 3 Pages	Technical Manager Jerry Kuykendall	Signature 			