

Argent Inspections

Form AI-03

Boiler Inspection Report

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|--|---|--------------------------------------|--|--|-----------------------------------|
| 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 | 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 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 Para. 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 a remote emergency 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 <i>Dale O. Brooks</i> | | | |
| Attachments Yes 3 Pages | Technical Manager Jerry Kuykendall | Signature <i>Jerry Kuykendall</i> | | | |