


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 1st Floor Boiler Room		
Address 1201 Hillside Ave			Boiler Location Address		
City Schenectady		State NY	Zip 12309	City State Zip	
National Board # 65725	Jurisdiction # Asset# 10432	Property # HTR-1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Aerco		Model # INN800	Serial # G-13-1541	Year Built 2013	
Capacity 760,000 BTU/HR	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Aerco	Burner Manufacturer Aerco	
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	Apollo	1"	150 psi	3,625,000 BTU/HR	Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Combustion Air Switch, Blocked intake Switch, Low Gas Pressure Switch, High Gas Pressure Switch, Low Water lockout, High Temperature Lockout, Operating Temperature Control, 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 Remote Emergency Shutdown Switches (electrical disconnect) required by NBIC Part 1 para. 3.5.3.1 c and ASME CSD-1 CE-110 (b).					
Comments The Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Light debris observed on firesides, and there was no evidence of leakage with system pressure on watersides. All safety devices tested functioned properly during the inspection process. To allow certification please install a remote electrical disconnect and a pressure gage as required by NBIC Part 1 Section 3.8.2.1 and a temperature gage as required by NBIC Part 1 Section 3.8.2.2 prior to next inspection. Please install CO monitor/alarm as required by NBIC 2019 prior to next inspection. Please install CO monitor/alarm as required by NBIC 2019 prior to next inspection. See the attachments for guidance.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 3 Pages	Technical Manager Jerry Kuykendall	Signature 