

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 9/14/2020	Certificate Issued Yes	Expiration Date 9/14/2021	Prepared for Inspection Yes	Next Watersides/Firesides 2023/2021	Next Strength Test
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 99th RSC R2 Z1 NY024 USARC Staten Island			Boiler Location Name and/or Building Number Bldg 208		
Address 356 Battery Rd			Boiler Location Address		
City Staten Island		State NY	Zip 10305	City	
National Board # 13936	Jurisdiction # Asset# 9648	Property # #2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Triad		Model # GPS-900-SH		Serial # 58056	Year Built 2012
Capacity 900,000 BTU/HR		Design Pressure 125 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Honeywell	Burner Manufacturer Triad
Number of Safety Valves 1		Combustion Efficiency % CO2 ppm CO % Excess O2			
Valve Manufacturer Watts		Size 3/4"	Set Pressure 50 psi	Capacity 950,000 BTU/HR	Lift Pressure Hand
Valve 2:					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Failure (Internal Scanner), Low Gas Pressure Switch, low water cut-out (Electrically), High Gas Pressure Switch, Operating Temperature control, High Temperature Lockout w/ manual reset, Combustion Air Switch, Emergency remote emergency disconnect at point of egress is a 4x4 electrical box with a toggle switch. The disconnect is labelled as required. 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					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Light scale observed on watersides of tubes, and light debris on firesides and no evidence of leakage with hydrostatic pressure of 20 psi. Boiler combustion chamber must be cleaned at Mfg.'s recommended intervals to ensure proper function of the condensing feature of this boiler design. Low gas pressure switch did not function properly. Low gas pressure switch is not required for this unit, however switches installed should function properly. All other safety devices tested functioned properly during the inspection process. Install a screen to gas vent line as required by ASME CSD-1 Para. CF-190 (h)(1) prior to next inspection. Please install CO monitor/alarm as required by NBIC 2019 prior to next inspection.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments Yes 2 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			