

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 9/14/2020	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 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	State	Zip 0
National Board # CA-1NY9647	Jurisdiction # Asset# 9647	Property # #1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Triad		Model # T C-900		Serial # WT727-12-8335	Year Built 2012
Capacity 900,000 BTU/HR	Design Pressure 80 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Honeywell	Burner Manufacturer Triad	
Number of Safety Valves 1	Combustion Efficiency % CO2	ppm CO	% Excess O2	Flue Gas Temperature Degrees F	
	Valve Manufacturer Apollo	Size 3/4"	Set Pressure 80 psi	Capacity 2,089,000 BTU/HR	Lift Pressure Hand
Valve 2:					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Low Gas Pressure Switch, low water cutout, High Gas Pressure Switch, High Temperature Lockout w/ manual reset, Combustion Air Switch, Blocked Flue 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 Blocked flue switch did not function properly as required by ASME-CSD-1 Table CF-3.					
Comments This 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, no evidence of leakage with a 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. Blocked flue switch did not function properly, if flue is blocked no combustion air can enter boiler as required by ASME CSD-1 Table CF-3. All other safety devices functioned properly during the inspection process.. Please install CO monitor/alarm as required by 2019 NBIC Part Para. 1.69 prior to next inspection.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale A. Brooks</i>			
Attachments Yes 2 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			