


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 356		
Address 356 Battery Rd			Boiler Location Address		
City Staten Island		State NY	Zip 10305	City State Zip	
National Board # CA-1NY9726	Jurisdiction # Asset# 9726	Property # #1	Boiler Use Closed Heating Loop		Fuel Type Natural Gas
Manufacturer Triad		Model # T C-900	Serial # WT747-11-7702		Year Built 2011
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	Size	Set Pressure	Capacity	Lift Pressure
Valve 1	Apollo	3/4"	80 psi	2,089,000 BTU/HR	Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Failure, Low Gas Pressure Switch, Low Water Control, 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 resealed with no leakage.					
Reason(s) for Declining Certification ASME CSD-1 CE-110 (a) requires disconnecting means located at the boiler. 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 hydrostatic pressure of 30 psi on watersides. 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 NBIC 2019 prior to next inspection.					
Inspector Commission 13373	Inspector Dale Brooks		Signature 		
Attachments Yes 3 Pages	Technical Manager Jerry Kuykendall		Signature 