

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 9/30/2019	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2022/2020	Next Strength Test 0
Inspection Type(s) Performed ☒ Internal ☒ Watersides ☒ Firesides ☒ External/Operational ☐ Pressure Test ☐ Strength ☒ Tightness					
Customer USARC Staten Island NY024			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	
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 # WT724-12-8335		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 Low Gas Pressure Switch, Low Water Control, High Gas Pressure Switch, 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 CE-110 (a) requires disconnecting means located at the boiler.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Firesides were viewed and found to be in need of cleaning. Boiler combustion chamber must be cleaned at Mfg.'s recommended intervals to ensure proper function of the condensing feature of this boiler design. Watersides were viewed and found to be in very good condition. All heat transfer surfaces viewed were free of scale. An electrical box for remote BMS is installed on top of the National Board Plate on this boiler it. This plate must be visible to the inspector. All safety devices are being discussed with the Manufacturer of the boiler. Error Codes on the diagnostic are confusing. BMS System module on boiler appears to by-pass the operating temperature control when switched to local.					
Inspector Commission 13314	Inspector Craig H. Bennett		Signature 		
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall		Signature 		