

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 2023/2021	Next Strength Test
Inspection Type(s) Performed ☒ Internal ☒ Watersides ☒ Firesides ☒ External/Operational ☒ Pressure Test ☐ Strength ☒ Tightness					
Customer 99th RSC R2 Z1 NY024 USARC Staten Island			Boiler Location Name and/or Building Number Bldg 358, Mech. Rm. M 100		
Address 356 Battery Rd			Boiler Location Address		
City Staten Island	State NY	Zip 10305	City	State	Zip 0
National Board # 250440	Jurisdiction # Asset# 9786	Property # #1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN601	Serial # F13H10250440	Year Built	
Capacity 559,800 BTU/HR	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Lochinvar	Burner Manufacturer Lochinvar	
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"	50 psi	697,000 BTU/HR	Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Low Gas Pressure Switch, low water cut-out (Electrically), Flow Switch, High Gas Pressure Switch, Operating Temperature control, High Temperature Limit Automatic Reset, High Temperature Manual Reset, Combustion Air Switch, Blocked Flue, Blocked Drain (Electrically), and 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 Remote Emergency Shutdown Switches (electrical disconnect) required by NBIC Part 1 para. 3.5.3.1 c and ASME CSD-1 CE-110 (b). Safety relief valve spindle not vertical as required by NBIC Part 1 Section 3.9.1.1.1					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Watersides are in good condition. Light debris observed on firesides and no evidence of leakage with system 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. All safety devices tested 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 2 Pages	Technical Manager Jerry Kuykendall	Signature 			