

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 9/27/2022	Certificate Issued No	Expiration Date	Prepared for inspection Yes	Next Watersides/Firesides 2023/2023	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 # 13934	Jurisdiction # Asset# 9727	Property # #2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Triad		Model # GPS-900-SH		Serial # 58054	Year Built 2011
Capacity 900,000 BTU/HR		Design Pressure 125 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Honeywell	Burner Manufacturer Power Flame
Number of Safety Valves 1		Combustion Efficiency % CO2 ppm CO % Excess O2			Flue Gas Temperature Degrees F
Valve Manufacturer Watts		Size 3/4"	Set Pressure 50 psi	Capacity 1.048,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Internal Flame Scanner, Low Gas Pressure Switch, High Gas Pressure Switch, Low Water Level Control, Auxiliary Low Water Lockout (Electrically), Combustion Air Switch, Operating Temperature Control, High Temperature Lockout, and Remote Emergency Disconnect. 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 No Carbon Monoxide monitor/alarm installed as required by NBIC Part 1 Section 1.6.9.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Firesides are in satisfactory condition. All safety devices tested functioned properly during the inspection process. No Carbon Monoxide monitor/alarm installed as required by NBIC Part 1 Section 1.6.9.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			

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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 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 Failure, Low Gas Pressure Switch, Low Water Lockout w/manual reset, 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 No Carbon Monoxide monitor/alarm installed as required by NBIC Part 1 Section 1.6.9					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Watersides and firesides are in good condition. Boiler combustion chamber must be cleaned at Mfg.'s recommended intervals to ensure proper function of the condensing feature of this boiler design. 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. Relocate the electrical box prior to next inspection. All safety devices tested functioned properly during the inspection process. No Carbon Monoxide monitor/alarm installed as required by NBIC Part 1 Section 1.6.9					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments No	Technical Manager Pages	Signature <i>Jerry Kuykendall</i>			

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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 0	
National Board # 261190	Jurisdiction # Asset# 9787	Property # #2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN601		Serial # E13H10261190	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 Apollo	Size 3/4"	Set Pressure 50 psi	Capacity 697,000 BTU/HR	Lift Pressure Hand
Valve 1					Reseat Pressure Sat
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested 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 Building management system prevented light off for operational checks of required safety devices as required by UFC 3-430-07 Para.4.3. This boiler room has no Carbon Monoxide Detector/Alarm as required by NBIC Part 1 Sect. 1.6.9.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Light debris on firesides. Boiler could not be lit for operational proving of safety devices. Remote E-Stop has a lens that has to be broken before you can press button, lens need to be removed.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale C. Brooks</i>			
Attachments Yes 2 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			

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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
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 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 Building management system prevented light off for operational checks of required safety devices as required by UFC 3-430-07 Para.4.3. This boiler room has no Carbon Monoxide Detector/Alarm as required by NBIC Part 1 Sect. 1.6.9.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Light debris on firesides. Boiler could not be lit for operational proving of safety devices. Remote E-Stop has a lens that has to be broken before you can press button, lens need to be removed.					
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>			

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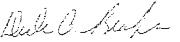
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Customer 99th RSC R2 Z1 NY024 USARC Staten Island			Boiler Location Name and/or Building Number Bldg 208		
Address 356 Battery Rd			Boiler Location Address		
City Staten Island		State NY	Zip 10305	City	State 0
National Board # 13936	Jurisdiction # 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			Flue Gas Temperature Degrees F
Valve 1	Valve Manufacturer Watts	Size 3/4"	Set Pressure 50 psi	Capacity 950,000 BTU/HR	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Combustion Air Switch, Low Gas Pressure Switch, High Gas Pressure Switch, Low Water Lockout w/ manual reset, Operating Temperature Control, High Temperature Lockout w/manual reset, Remote Emergency Shutdown, 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 There is no Carbon Monoxide Detector/Alarm in this boiler room as required by NBIC Part 1 Section 1.6.9					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Firesides are in satisfactory condition. There is no evidence of leakage with hydrostatic pressure of 20 psi. All safety devices tested functioned properly during the inspection process. Boiler combustion chamber must be cleaned at Mfg.'s recommended intervals to ensure proper function of the condensing feature of this boiler design.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

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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
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 1	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, Combustion Air Switch, Blocked Flue, Low Gas Pressure Switch, High Gas Pressure Switch, Low Water Lockout w/ manual reset,(electrically), Operating Temperature Control, High Temperature Lockout w/manual reset, Remote Emergency Shutdown, 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 There is no Carbon Monoxide Detector/Alarm in this boiler room as required by NBIC Part 1 Sect. 1.6.9.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Watersides and firesides are in good condition. There was 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.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 