

# Argent Inspections

## Form AI-03

## Boiler Inspection Report

Inspection Date 7/26/2023	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2024/2024	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 R4A NY070 USARC Webster			Boiler Location Name and/or Building Number Boiler Room Bldg. 1		
Address 515 Ridge Rd.			Boiler Location Address		
City Webster	State NY	Zip 14580-1749	City	State	Zip
National Board # 266224	Jurisdiction # Asset# 6615	Property # B-4	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN701		Serial # G13H10266224	Year Built
Capacity 700,000 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 Watts	Size 3/4"	Set Pressure 50 psi	Capacity 1,352,000 BTU/HR	Lift Pressure Hand
Valve 1					Sat
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Flue Switch, Blocked Intake Switch, Blocked Drain Switch, Flow Switch, Low Gas Pressure Switch, High Gas Pressure Switch, Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, and The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage. Carbon Monoxide monitor/alarm present.					
Reason(s) for Declining Certification Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points.					
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. Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points. All other safety devices tested functioned properly during the inspection process.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

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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 R4A NY070 USARC Webster			Boiler Location Name and/or Building Number Boiler Room Bldg. 2		
Address 515 Ridge Rd.			Boiler Location Address		
City Webster	State NY	Zip 14580-1749	City	State	Zip
National Board # 265003	Jurisdiction #	Property # B-2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN286	Serial # G13H10265003	Year Built	
Capacity 285,000 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 1	Cash Acme	3/4"	30 psi	285,000 BTU/HR	Hand Sat
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Condensate Drain Switch, Flow Switch, Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, and The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage. Carbon Monoxide monitor/alarm present.					
Reason(s) for Declining Certification Flow switch did not function properly. ASME-CSD-1 CW-210 A(a)					
Comments This boiler was inspected per UFC 3-430-07. The BTU input of this boiler is below the minimum for which UFC 3-430-07 requires mandatory inspections. In the interest of safety, the boiler was inspected at the request of the activity as allowed by Para. 1-5 of UFC 3-430-07. The scope of the inspection was to verify the integrity of the vessel and prove that all installed safety controls functioned as designed. Unable to perform watersides inspection, Glycol in system. Light debris observed on firesides. Flow switch did not function properly. All other safety devices tested functioned properly during the inspection process.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

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Customer 99th RSC R4A NY070 USARC Webster			Boiler Location Name and/or Building Number Boiler Room Bldg. 1		
Address 515 Ridge Rd.			Boiler Location Address		
City Webster	State NY	Zip 14580-1749	City	State	Zip
National Board # 261141	Jurisdiction # Asset# 6604	Property # B-2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN701		Serial # G13H10261141	Year Built
Capacity 700,000 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 Watts	Size 3/4"	Set Pressure 50 psi	Capacity 1,352,000 BTU/HR	Lift Pressure Hand
Valve 2:					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Flue Switch, Blocked Intake Switch, Blocked Drain Switch, Flow Switch, Low Gas Pressure Switch, High Gas Pressure Switch, Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, and The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage. Carbon Monoxide monitor/alarm present.					
Reason(s) for Declining Certification Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Unable to perform watersides inspection, Glycol in system. Light debris observed on firesides. Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points. All other safety devices tested functioned properly during the inspection process.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

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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 R4A NY070 USARC Webster			Boiler Location Name and/or Building Number Boiler Room Bldg. 1		
Address 515 Ridge Rd.			Boiler Location Address		
City Webster	State NY	Zip 14580-1749	City	State	Zip
National Board # 266205	Jurisdiction # Asset# 6587	Property # B-1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN701		Serial # G13H10266205	Year Built
Capacity 700,000 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 Watts	Size 3/4"	Set Pressure 50 psi	Capacity 1,352,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Flue Switch, Blocked Intake Switch, Blocked Drain Switch, Flow Switch, Low Gas Pressure Switch, High Gas Pressure Switch, Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, and The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage. Carbon Monoxide monitor/alarm present.					
Reason(s) for Declining Certification Low gas pressure switch did not function properly per ASME CSD-1 part CF-162 Para. ©. Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points					
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. Low gas pressure switch did not function properly per ASME CSD-1 part CF-162 Para. ©. Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points. All other safety devices tested functioned properly during the inspection process.					
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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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 R4A NY070 USARC Webster			Boiler Location Name and/or Building Number Boiler Room Bldg. 1		
Address 515 Ridge Rd.			Boiler Location Address		
City Webster	State NY	Zip 14580-1749	City	State	Zip
National Board # 261155	Jurisdiction # Asset# 6622	Property # B-3	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN701		Serial # G13H10261155	Year Built
Capacity 700,000 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	Watts	3/4"	50 psi	1,352,000 BTU/HR	Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Flue Switch, Blocked Intake Switch, Blocked Drain Switch, Flow Switch, Low Gas Pressure Switch, High Gas Pressure Switch, Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, and The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage. Carbon Monoxide monitor/alarm present.					
Reason(s) for Declining Certification Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Unable to perform watersides inspection, Glycol in system. Light debris observed on firesides. Low and High gas pressure switch is not set as required by ASME CSD-1 Part CF-162. Gas pressures need to be verified and gas pressure switches set to required set points. All other safety devices tested functioned properly during the inspection process.					
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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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 R4A NY070 USARC Webster			Boiler Location Name and/or Building Number Boiler Room Bldg. 2		
Address 515 Ridge Rd.			Boiler Location Address		
City Webster	State NY	Zip 14580-1749	City	State	Zip
National Board # 264996	Jurisdiction #	Property # B-1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN286	Serial # G13H10264996	Year Built	
Capacity 285,000 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	Cash Acme	3/4"	30 psi	285,000 BTU/HR	Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Condensate Drain Switch, Flow Switch, Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, and The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage. Carbon Monoxide monitor/alarm present.					
Reason(s) for Declining Certification Flow switch did not function properly ASME-CSD-1 CW-210(a)					
Comments This boiler was inspected per UFC 3-430-07. The BTU input of this boiler is below the minimum for which UFC 3-430-07 requires mandatory inspections. In the interest of safety, the boiler was inspected at the request of the activity as allowed by Para. 1-5 of UFC 3-430-07. The scope of the inspection was to verify the integrity of the vessel and prove that all installed safety controls functioned as designed. Unable to perform watersides inspection, Glycol in system. Light debris observed on firesides. Flow switch did not function properly. All other safety devices tested functioned properly during the inspection process.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments	Technical Manager	Signature <i>Jerry Kuykendall</i>			
Yes 1 Pages	Jerry Kuykendall				

# Argent Inspections

Form AI-04

## Pressure Vessel Inspection Report

Inspection Date 7/26/2023	Certificate Issued No	Expiration Date	Prepared for Inspection No	Inspection Type: <input type="checkbox"/> Internal <input type="checkbox"/> External <input type="checkbox"/> Operational <input type="checkbox"/> Pressure	
Customer 99 RSC R4A NY070 USARC Webster			UPV Location Name and/or Building Number		
Address 515 Ridge R.			UPV Location Address		
City Webster	State NY	Zip 14580-1749	City	State Zip	
National Board # 1125382	Property #	Manufacturer Manchester	Serial Number		
Pressure Vessel Type <input checked="" type="checkbox"/> Air Receiver <input type="checkbox"/> Autoclave <input type="checkbox"/> Heat Exchanger <input type="checkbox"/> Hot Water <input type="checkbox"/> Nitrogen <input type="checkbox"/> Oxygen <input type="checkbox"/> Other					Year Built 2001
Capacity 11 cu/ft	Design Pressure 200 psi	Operating Pressure	Test Pressure	Number of Safety Valves	
	Valve Manufacturer	Size	Capacity (CFM)	Setting (PSI)	Valve Condition
Valve 1					
Valve 2					
Reason(s) for Declining Certification In process of being replaced.					
Comments In process of being replaced.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments No Pages	Jerry Kuykendall	Signature 			