

# Argent Inspections

## Form AI-03

## Boiler Inspection Report

Inspection Date 8/2/2023	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2026/2024	Next Strength Test
<b>Inspection Type(s) Performed</b>					
<input checked="" type="checkbox"/> Internal <input checked="" 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 R4C WV010 USARC Bridgeport			Boiler Location Name and/or Building Number Mechanical Room		
Address 791 Meadowbrook Rd.			Boiler Location Address		
City Bridgeport	State WV	Zip 26330-9730	City	State	Zip
National Board # 197299	Jurisdiction #	Property # 1	Boiler Use Heating Hot Water Loop	Fuel Type N. Gas	
Manufacturer Laars		Model # CB-M2-250N	Serial # H-08-197299	Year Built 2008	
Capacity 250,000 btu/hr	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer UT-Electronics Controls	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2	ppm CO	% Excess O2	Flue Gas Temperature Degrees F	
	Valve Manufacturer Apollo	Size 174"	Set Pressure 50 psi	Capacity 679,000 btu/hr	Lift Pressure Hand
Valve 2:					
Valve 3:					
Valve 4:					
<b>Safety Devices Tested</b>					
Flame Rod, Blocked Intake Switch, Flow Switch, Operating Temperature Control, High Temperature Limit is Preset and Non-Adjustable, Remote Emergency Stop, 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.					
<b>Reason(s) for Declining Certification</b>					
Remote emergency stop did not shut boiler down when activated.					
<b>Comments</b>					
This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Light scale film observed on watersides. Light to moderate debris observed on firesides, clean firesides ASAP. Remote emergency stop did not shut boiler down when activated. Have a qualified technician trouble shoot and repair the emergency stop switch. All other safety devices tested functioned properly during the inspection process. Discharge of safety valve should be piped back to Glycol supply tank. Carbon Monoxide monitor/alarm present.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments	Technical Manager	Signature 			
No	Pages	Jerry Kuykendall			

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Inspection Type(s) Performed					
<input checked="" type="checkbox"/> Internal <input checked="" 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 R4C WV010 USARC Bridgeport			Boiler Location Name and/or Building Number Mechanical Room		
Address 791 Meadowbrook Rd.			Boiler Location Address		
City Bridgeport		State WV	Zip 26330-9730	City	
National Board # 197848	Jurisdiction #	Property # 2	Boiler Use Heating Hot Water Loop	Fuel Type N. Gas	
Manufacturer Laars		Model # CB-M2-250N		Serial # H-08-197848	Year Built 2008
Capacity 250,000 btu/hr	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer UT-Electronics Controls	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2 ppm CO % Excess O2				Flue Gas Temperature Degrees F
	Valve Manufacturer Apollo	Size 174"	Set Pressure 50 psi	Capacity 679,000 btu/hr	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification Boiler would not start.					
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. Light scale film observed on watersides. Light to moderate debris observed on firesides, clean firesides ASAP. Boiler would not start. Discharge of safety valve should be piped back to Glycol supply tank. Carbon Monoxide monitor/alarm present.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments	Technical Manager	Signature			
No Pages	Jerry Kuykendall	<i>Jerry Kuykendall</i>			

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<b>Inspection Type(s) Performed</b>					
<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 R4C WV010 USARC Bridgeport			Boiler Location Name and/or Building Number Mechanical Room		
Address 791 Meadowbrook Rd.			Boiler Location Address		
City Bridgeport	State WV	Zip 26330-9730	City	State	Zip
National Board # 197842	Jurisdiction #	Property # 3	Boiler Use Heating Hot Water Loop	Fuel Type N. Gas	
Manufacturer Laars		Model # CB-M2-250N		Serial # H-08-197842	Year Built 2008
Capacity 250,000 btu/hr	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer UT-Electronics Controls	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2      ppm CO      % Excess O2				Flue Gas Temperature Degrees F
	Valve Manufacturer Apollo	Size 174"	Set Pressure 50 psi	Capacity 679,000 btu/hr	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
<b>Safety Devices Tested</b>					
The safety valve was lifted by hand per NBIC Part 2 para. 2.5.7(e). It lifted freely and reseated with no leakage.					
<b>Reason(s) for Declining Certification</b>					
There is evidence of leakage on firesides. Location of leak should be verified, unit should be repaired/replaced.					
<b>Comments</b>					
<p>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. Light to moderate debris observed on firesides, clean firesides ASAP. There is evidence of leakage on firesides. Location of leak should be verified, unit should be repaired/replaced. Discharge of safety valve should be piped back to Glycol supply tank. Carbon Monoxide monitor/alarm present.</p>					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments	Technical Manager	Signature			
No Pages	Jerry Kuykendall	<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 R4C WV010 USARC Bridgeport			Boiler Location Name and/or Building Number Mechanical Room		
Address 791 Meadowbrook Rd.			Boiler Location Address		
City Bridgeport		State WV	Zip 26330-9730	City	
National Board # 197841	Jurisdiction #	Property # 4	Boiler Use Heating Hot Water Loop	Fuel Type N. Gas	
Manufacturer Laars		Model # CB-M2-250N		Serial # H-08-197841	Year Built 2008
Capacity 250,000 btu/hr		Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer UT-Electronics Controls	Burner Manufacturer Laars
Number of Safety Valves 1		Combustion Efficiency % CO2 ppm CO % Excess O2			Flue Gas Temperature Degrees F
	Valve Manufacturer Apollo	Size 174"	Set Pressure 50 psi	Capacity 679,000 btu/hr	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Blocked Intake Switch, Flow Switch, Operating Temperature Control, High Temperature Limit is Preset and Non-Adjustable, Remote Emergency Stop, 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.					
Reason(s) for Declining Certification Remote emergency stop did not function properly. Flow switch did not function properly.					
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. Light to moderate debris observed on firesides, clean firesides ASAP. Flow switch did not shut the boiler down when flow was secured. The remote emergency stop did not shut the boiler down when activated. Have a qualified technician trouble shoot and repair or replace the flow switch and the emergency stop switch. All other safety devices tested functioned properly during the inspection process. Discharge of safety valve should be piped back to Glycol supply tank. Carbon Monoxide monitor/alarm present.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale Brooks</i>			
Attachments	Technical Manager	Signature <i>Jerry Kuykendall</i>			
No	Pages				

# Argent Inspections

Form AI-04

## Pressure Vessel Inspection Report

Inspection Date 8/2/2023	Certificate Issued Yes	Expiration Date 8/2/2026	Prepared for Inspection Yes	Inspection Type: <input checked="" type="checkbox"/> Internal <input checked="" type="checkbox"/> External <input checked="" type="checkbox"/> Operational <input checked="" type="checkbox"/> Pressure
Customer 99 RSC R4A WV010 USARC Bridgeport			UPV Location Name and/or Building Number AMSA Bay	
Address 791 Meadowbrook Rd.			UPV Location Address	
City Bridgeport	State WV	Zip 26330-9730	City	State Zip
National Board # 95792J	Property #	Manufacturer Brunner Eng. & Mfg.	Serial Number NB 95792J	
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				
Capacity 16 cu.ft	Design Pressure 200 psi	Operating Pressure 130 psi	Test Pressure 130 psi	Number of Safety Valves 1
	Valve Manufacturer Kunkle	Size 3/8"	Capacity (CFM) 117 SCFM	Setting (PSI) 200 psi
Valve 1				Sat
Valve 2				
Reason(s) for Declining Certification				
Comments This air receiver was inspected using UFC 3-430-07 and NBIC as guides. Neither visual external or internal inspection by fiberoptic borescope nor ultrasonic measurement revealed any structural problems with this vessel. The pressure control switch functioned properly during testing. The safety relief valve was proven in a controlled circumstance utilizing nitrogen and a regulator. The valve functioned properly.				
Inspector Commission 13373	Inspector Dale A. Brooks	Signature 		
Attachments Yes 1 Pages	Jerry Kuykendall	Signature 		