

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 8/1/2023	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2026/2024	Next Strength Test
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 WV022 USARC Kingwood			Boiler Location Name and/or Building Number Mechanical Room 119		
Address 504 Anorth Preston Hwy			Boiler Location Address		
City Kingwood		State WV	Zip 26537	City	
National Board # 158174	Jurisdiction #	Property # 1	Boiler Use Hot Water Heating Loop	Fuel Type N. Gas	
Manufacturer Elite Heating Builder		Model # Ultra 750		Serial # D12R414084	Year Built 2011
Capacity 399,000 btu/hr	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Elite Heating Builder	Burner Manufacturer Elite Heating Builder	
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 30 psi	Capacity 510,000 btu/hr	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested					
Safety valve was lifted by hand per NBIC Part 1 para 2.5.7 e. It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification					
Boiler would not start. UFC 03-430-07 Chapter 7-1 requires operational testing of safety devices.					
Comments					
<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 scale film on watersides. Moderate debris observed on firesides, clean firesides ASAP. Safety relief valve discharge should be piped back to glycol tank. Boiler would not start. UFC 03-430-07 Chapter 7-1 requires operational testing of safety devices. Discharge of safety valve should be piped back to Glycol supply tank.</p>					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments	Technical Manager	Signature 			
Yes 1 Pages	Jerry Kuykendall				

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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 WV022 USARC Kingwood			Boiler Location Name and/or Building Number Mechanical Room 119		
Address 504 Anorth Preston Hwy			Boiler Location Address		
City Kingwood		State WV	Zip 26537	City	
National Board # 158187	Jurisdiction #	Property # 2	Boiler Use Hot Water Heating Loop	Fuel Type N. Gas	
Manufacturer Elite Heating Builder		Model # Ultra 750		Serial # L22Q55695	Year Built 2010
Capacity 399,000 btu/hr	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Elite Heating Builder	Burner Manufacturer Elite Heating Builder	
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 30 psi	Capacity 510,000 btu/hr	Lift Pressure Hand
Valve 1					Sat.
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Safety valve was lifted by hand per NBIC Part 1 para 2.5.7 e. It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification Boiler would not start. UFC 03-430-07 Chapter 7-1 requires operational testing of safety devices.					
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. Moderate debris observed on firesides, clean firesides ASAP. Safety relief valve discharge should be piped back to glycol tank. Boiler would not start. UFC 03-430-07 Chapter 7-1 requires operational testing of safety devices. Discharge of safety valve should be piped back to Glycol supply tank.					
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				

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Inspection Date 8/1/2023	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2025/2024	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 R4C WV022 USARC Kingwood			Boiler Location Name and/or Building Number Mechanical Room 119		
Address 504 Anorth Preston Hwy			Boiler Location Address		
City Kingwood	State WV	Zip 26537	City	State	Zip
National Board # 164674	Jurisdiction #	Property # 2	Boiler Use Hot Water Heating Loop	Fuel Type N. Gas	
Manufacturer Elite Heating Builder		Model # Ultra 750		Serial # B24R07802	Year Built 2010
Capacity 399,000 btu/hr	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Elite Heating Builder	Burner Manufacturer Elite Heating Builder	
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 30 psi	Capacity 510,000 btu/hr	Lift Pressure Hand
Valve 1					Reseat Pressure Sat.
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Low Water Lockout, Blocked Flue, Combustion Air by Speed of Blower, One 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 Boiler stopped running during operational testing. UFC 03-430-07 Chapter 7-1 requires operational testing of safety devices.					
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. Safety relief valve discharge should be piped back to glycol tank. Boiler stopped running during operational testing. UFC 03-430-07 Chapter 7-1 requires operational testing of safety devices. Discharge of safety valve should be piped back to Glycol supply tank.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

Argent Inspections

Form AI-04

Pressure Vessel Inspection Report

Inspection Date 7/1/2023	Certificate Issued Yes	Expiration Date 8/1/2026	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 R4C WV022 USARC Kingwood		UPV Location Name and/or Building Number Mechanical Room 203			
Address 504 Norht Preston Hwy		UPV Location Address			
City Kingwood	State WV	Zip 26537	City	State Zip	
National Board # 13300J	Property #	Manufacturer Brunner Eng. & Mfg.	Serial Number NB 13300J		
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					Year Built 1995
Design Pressure 200 psi	Operating Pressure 160 psi	Test Pressure 160 psi	Number of Safety Valves 1		
Valve 1	Valve Manufacturer CDI	Size 1/4"	Capacity (CFM) 178 SCFM	Setting (PSI) 200 psi	
Valve 2				Sat	
Reason(s) for Declining Certification					
Comments This air receiver was inspected per UFC 3-430-07 and the National Board Inspection Code. Vessel was inspected externally. All paint and welds are in good condition. Vessel was measured ultrasonically. All readings were satisfactory as compared to shell design thickness. The safety relief valve was removed and tested using an inert gas (nitrogen) and a regulator.					
Inspector Commission 13373	Inspector Dale A. Brooks	Signature 			
Attachments Yes 1 Pages	Jerry Kuykendall	Signature 			