

# Argent Inspections

## Form AI-03

## Boiler Inspection Report

Inspection Date 11/18/2025	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2028/2026	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 Z2 WV014 USARC Grafton			Boiler Location Name and/or Building Number Mechanical Room		
Address 363 Luby St.			Boiler Location Address		
City Grafton		State WV	Zip 26354-1689	City	
State WV		Zip 26354-1689	City		State WV
National Board # 12920	Jurisdiction #	Property # 2	Boiler Use Heating Hot Water Loop		Fuel Type Natural Gas
Manufacturer Triangle Tube		Model # Prestige Solo 399		Serial # NB 12920	Year Built 2009
Capacity 399,000 btu/hr	Design Pressure 30 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Honeywell		Burner Manufacturer Triangle Tube
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 535,000 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. 2.5.7.1 (d). It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification Boiler would not run controls could not be tested as required by NBIC Part 1 Sec 2.2.10.6.					
Comments This boiler was inspected using National Board inspection Code and ASME-CSD-1 as guides. The BTU rating of the boiler is less than the minimum for which all the requirements of ASME-CSD-1 apply. In the interest of safety, the boiler was inspected at the request of the activity. The scope of the inspection was to verify the integrity of the vessel and prove that all installed safety controls functioned as designed. The boiler would not run, controls could not be tested as required by NBIC Part 1 Sec 2.2.10.6. Light scale observed on watersides, and light debris on firesides.					
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 R4C Z2 WV014 USARC Grafton			Boiler Location Name and/or Building Number Mechanical Room		
Address 363 Luby St.			Boiler Location Address		
City Grafton		State WV	Zip 26354-1689	City	
State WV		Zip 26354-1689	City		State WV
National Board # 20842	Jurisdiction # Asset# 6568	Property # 1	Boiler Use Heating Hot Water Loop		Fuel Type Natural Gas
Manufacturer Triangle Tube		Model # Prestige Solo 399		Serial # 102469	Year Built 2010
Capacity 399,000 btu/hr		Design Pressure 30 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Honeywell	Burner Manufacturer Triangle Tube
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 797,000 BTU/HR	Lift Pressure Hand
Valve 2					Unsat
Valve 3:					
Valve 4:					
Safety Devices Tested Safety valve was lifted by hand per NBIC Part 2 para. 2.5.7.1 (d). It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification Boiler would not start to allow testing of controls as required by NBIC Part 1 Sec 2.2.10.6. safety relief valve installed is set pressure 50 psi MAWP of boiler is 30 psi (NBIC Part 2 Sec 2.5.2(a). High temperature limit is located on top of #2 boiler, which will not sense a high temperature on this boiler ASME-CSD-1 CW-410(b).					
Comments This boiler was inspected using National Board inspection Code and ASME-CSD-1 as guides. The BTU rating of the boiler is less than the minimum for which all the requirements of ASME-CSD-1 apply. In the interest of safety, the boiler was inspected at the request of the activity. The scope of the inspection was to verify the integrity of the vessel and prove that all installed safety controls functioned as designed. The boiler would not start to allow testing of the controls . Firesides are in good condition. Install a safety valve set at a maximum of 30 psi as required by NBIC Part 2 Sec 2.5.2(a).30 psi.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale B. Brooks</i>			
Attachments No 3 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			

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Customer 99th RSC R4C Z2 WV014 USARC Grafton			Boiler Location Name and/or Building Number Mechanical Room		
Address 363 Luby St.			Boiler Location Address		
City Grafton		State WV	Zip 26354-1689	City	
State WV		Zip 26354-1689	City		State WV
National Board # 462809	Jurisdiction #	Property # 3	Boiler Use Heating Hot Water Loop		Fuel Type Natural Gas
Manufacturer Lochinvar		Model # FTX500N		Serial # 2427 139702253	Year Built 2024
Capacity 500,000 btu/hr		Design Pressure 160 psi		Operating Pressure 12-20 psi	Programmer Manufacturer Lochinvar
Burner Manufacturer Lochinvar		Flue Gas Temperature Degrees F			
Number of Safety Valves 1		Combustion Efficiency % CO2 ppm CO		% Excess O2	
Safety Devices Tested Flame Rod, Blocked Intake Switch, Low Water Lockout, Blocked Drain Switch, Combustion Air by Blower Speed, Operating Temperature Control, Automatic Reset High Temperature Limit, Manual Reset High Temperature Limit, Remote Emergency Stop, and the safety valve was lifted by hand per NBIC Part 2 para. 2.5.7.1 (d). It lifted freely and reseated with no leakage.		Valve Manufacturer Apollo		Size 3/4"	Set Pressure 50 psi
Reason(s) for Declining Certification No high and low gas pressure switches installed as required by ASME CSD-1 Table CF-162-1. No foundation bolts installed as required by NBIC Part 1 Sect. 1.6.1. No lockable disconnect installed as required by ASME CSD-1 Part CE-110 Para. (a).		Capacity 697,000 BTU/HR		Lift Pressure Hand	Reseat Pressure Sat.
Comments This new installation replaced NB CI-1WV001. Hot Water Heating Boiler was inspected per ASME CSD-1, and the National Board Inspection Code. All safety devices tested functioned properly during the inspection process. The boiler has direct ignition, high and low gas pressure switches must be installed as required by ASME CSD-1 Table CF-162-1. No foundation bolts installed as required by NBIC Part 1 Sect. 1.6.1. No lockable disconnect installed as required by ASME CSD-1 Part CE-110 Para (a). Carbon Monoxide monitor/alarm present.					
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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Address 363 Luby St.			Boiler Location Address		
City Grafton		State WV	Zip 26354-1689	City	
State WV		Zip 26354-1689	City		State WV
National Board # 471214	Jurisdiction #	Property # 3	Boiler Use Heating Hot Water Loop		Fuel Type Natural Gas
Manufacturer Lochinvar		Model # FTX500N		Serial # 2427 139702257	Year Built 2024
Capacity 500,000 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 #	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, Blocked Intake Switch, Low Water Lockout, Blocked Drain Switch, Combustion Air by Blower Speed, Operating Temperature Control, Automatic Reset High Temperature Limit, Manual Reset High Temperature Limit, Remote Emergency Stop, and the safety valve was lifted by hand per NBIC Part 2 para. 2.5.7.1 (d). It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification No high and low gas pressure switches installed as required by ASME CSD-1 Table CF-162-1. No foundation bolts installed as required by NBIC Part 1 Sect. 1.6.1. No lockable disconnect installed as required by ASME CSD-1 Part CE-110 Para. (a).					
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