

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 10/8/2025	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2026/2026	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 Z2 NY065 USARC Tonawanda			Boiler Location Name and/or Building Number Boiler Room 107		
Address 2393 Colvin Blvd.			Boiler Location Address		
City Tonawanda	State NY	Zip 14150-4414	City	State	Zip
National Board # 204038	Jurisdiction # Asset# 6556	Property # #1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Triangle Tube		Model # Prestige Solo 399		Serial # PU0041405	Year Built 2020
Capacity 399,000 BTU/HR	Design Pressure 30 psi	Operating Pressure 6-12 psi	Programmer Manufacturer Triangle Tube	Burner Manufacturer Triangle Tube	
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 30 psi	Capacity 535,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Combustion Air Switch by Blower Speed, Low Pressure/Water Lockout, Operating Temperature Control, High Temperature limit Manual Reset, 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. Carbon Monoxide detector/alarm present.					
Reason(s) for Declining Certification NBIC Part1 Section 3.8.2.3 Para. (b) High temperature limit will shut off fuel supply at or below maximum allowable temperature at the boiler outlet. High temperature limit highest set point is 10 degrees higher than maximum temperature limit of vessel.					
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 debris observed on firesides. All safety devices tested functioned properly during the inspection process. NBIC Part 1 Section 3.8.2.3 Para. (b) The installed High temperature limit will allow the set point to exceed the maximum temperature limit of vessel by 10 degrees F. Replace the high limit with a control that cannot be set higher than design temperature. Carbon Monoxide monitor/alarm is installed as required by NBIC Part 1 1.6.9.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale C. Brooks</i>			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			

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Customer 99th RSC R4A Z2 NY065 USARC Tonawanda			Boiler Location Name and/or Building Number Boiler Room 107		
Address 2393 Colvin Blvd.			Boiler Location Address		
City Tonawanda	State NY	Zip 14150-4414	City	State	Zip 0
National Board # 09605	Jurisdiction # Asset# 6557	Property # #2	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Triangle Tube		Model # Prestige Solo 399		Serial # PU0021436	Year Built 2020
Capacity 399,000 BTU/HR	Design Pressure 80 psi	Operating Pressure 6-12 psi	Programmer Manufacturer Triangle Tube	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 Apollo	Size 3/4"	Set Pressure 30 psi	Capacity 535,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Combustion Air Switch by Blower Speed, Low Pressure/Water Lockout, Operating Temperature Control, High Temperature limit Manual Reset, 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 NBIC Part 1 Section 3.8.2.3 Para. (b) High temperature limit will shut off fuel supply at or below maximum allowable temperature at the boiler outlet. High temperature limit highest set point is 20 degrees higher than maximum temperature limit of vessel.					
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. Firesides are in good condition. All safety devices tested functioned properly during the inspection process. NBIC Part 1 Section 3.8.2.3 Para. (b) (b) The installed High temperature limit will allow the set point to exceed the maximum temperature limit of vessel by 20 degrees F. Replace the high limit with a control that cannot be set higher than design temperature. Carbon Monoxide monitor/alarm is installed as required by NBIC Part 1 1.6.9.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale A. Brooks</i>			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			