

Argent Inspections

Form AI-03

Boiler Inspection Report

Inspection Date 9/29/2022	Certificate Issued Yes	Expiration Date 9/29/2023	Prepared for Inspection Yes	Next Watersides/Firesides 2023/2022	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 R2 Z1 NY128 USARC Saugerties			Boiler Location Name and/or Building Number Boiler Room		
Address 1001 Kings Highway			Boiler Location Address		
City Saugerties		State NY	Zip 12477	City	State 0
National Board # 225423	Jurisdiction # Asset# 10849	Property # DHW-4	Boiler Use Domestic hot water supply	Fuel Type Natural Gas	
Manufacturer Laars		Model # BWCV00200PACC1BLN		Serial # C 10-225423	Year Built 2010
Capacity 199,000 BTU/HR	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Laars	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2 ppm CO % Excess O2				Flue Gas Temperature Degrees F
	Valve Manufacturer Cash Acme	Size 3/4"	Set Pressure 125 psi	Capacity 2,289,000 BTU/HR	Lift Pressure Hand
Valve 2:					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Blocked Flue Switch, Combustion Air Switch, Remote Operating Temperature Control, High Temperature Lockout(pre-set and non adjustable) , Operating Temperature Control. The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification					
Comments This boiler was inspected using UFC 3-430-07, ASME-CSD-1, and the National Board Inspection Code as guides. The heat input is below the minimum requirement for inspection. Per UFC 3-430-07 (1-5 Applicability) this boiler was inspected at the request of the activity. Light debris observed on firesides. Unable to conduct watersides inspection, boiler isolation valve not installed. It is recommended that this debris be blown out the fins annually to ensure optimum heat transfer. All safety devices tested functioned properly during the inspection process. Recommend installing CO monitor/alarm as required by NBIC 2019					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

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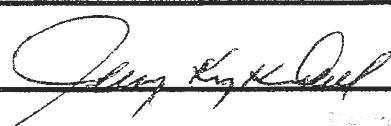
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Customer 99th RSC R2 Z1 NY128 USARC Saugerties			Boiler Location Name and/or Building Number Boiler Room		
Address 1001 Kings Highway			Boiler Location Address		
City Saugerties	State NY	Zip 12477	City	State	Zip
National Board # 225425	Jurisdiction # Asset# 10848	Property # DHW-3	Boiler Use Domestic hot water supply	Fuel Type Liquid Propane	
Manufacturer Laars		Model # BWCV00200PACC1BLN	Serial # C 10-225425	Year Built 2010	
Capacity 199,000 BTU/HR	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Laars	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2	ppm CO	% Excess O2	Flue Gas Temperature Degrees F	
	Valve Manufacturer Cash Acme	Size 3/4"	Set Pressure 125 psi	Capacity 2,289,000 BTU/HR	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Blocked Flue Switch, Combustion Air Switch, High Temperature Lockout (pre-set and non adjustable) , Operating Temperature Control Local and Remote. The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification					
Comments The 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. Watersides and firesides are in good condition. All safety devices tested functioned properly during the inspection process. Recommend installing a CO monitor/alarm as required by NBIC 2019.					
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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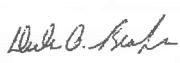
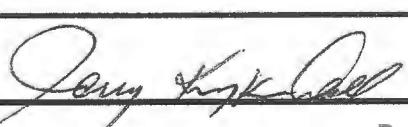
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Customer 99th RSC R2 Z1 NY128 USARC Saugerties			Boiler Location Name and/or Building Number Boiler Room		
Address 1001 Kings Highway			Boiler Location Address		
City Saugerties	State NY	Zip 12477	City	State	Zip
National Board # 225184	Jurisdiction # Asset# 10847	Property # DHW-1	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Laars/Bradford White		Model # BWCV0500NACK2BXN	Serial # C 10 225184	Year Built 2010	
Capacity 500,000 BTU/HR	Design Pressure 160psi	Operating Pressure 12-20 psi	Programmer Manufacturer Laars	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2 ppm CO % Excess O2				Flue Gas Temperature Degrees F
Valve 1	Valve Manufacturer Cash Acme	Size 3/4"	Set Pressure 125 psi	Capacity 2,289,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Combustion Air Switch, Blocked Flue Switch, Flow Switch, Local Temperature Control, Remote Operating Temperature Control, High Temperature Lockout, Flame Rods (2), and The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It lifted freely and reseated with no leakage..					
Reason(s) for Declining Certification Both ASME CSD-1 CE-110 (b) and NBIC Part 1 Para. 3.5.3.1 c require a remote emergency disconnect switch. This space also requires a carbon monoxide detector/alarm per NBIC Part 1 Para 1.6.9					
Comments This hot water supply boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Watersides and firesides are in good condition. All safety devices tested functioned properly during the inspection process. Replace bad boiler gage, gage shows 130 psi with 0 psi on boiler. This is the fourth inspection reporting that the boiler does not have the required emergency stop switch. Please take prompt action to correct this issue.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 2 Pages	Technical Manager Jerry Kuykendall	Signature 			

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Customer 99th RSC R2 Z1 NY128 USARC Saugerties			Boiler Location Name and/or Building Number OMS		
Address 1001 Kings Highway			Boiler Location Address		
City Saugerties		State NY	Zip 12477	City	State Zip
National Board # 134824	Jurisdiction # Asset# 10877	Property # 3	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN210		Serial # D10H10134824	Year Built
Capacity 210,000 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 Cash Acme	Size 3/4"	Set Pressure 30 psi	Capacity 510,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Low Water Level Control, Flame Rods (2), Combustion Air Proving, Blocked Drain, Operating Temperature Limit with Automatic Reset, The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It lifted freely and reseated with no leakage. Operating temperature control is controlled by remote thermostat.					
Reason(s) for Declining Certification					
Comments The 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. Waterside are clean. Light to moderate debris observed on firesides. It is recommended that firesides be cleaned at manufacturers recommended intervals. All safety devices tested functioned properly during the inspection process. It is recommended that this machinery space, which contains other fossil fuel heaters, have a CO monitor/alarm installed to ensure personnel safety.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 1 Pages	Technical Manager Jerry Kuykendall	Signature 			

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Customer 99th RSC R2 Z1 NY128 USARC Saugerties			Boiler Location Name and/or Building Number Boiler Room		
Address 1001 Kings Highway			Boiler Location Address		
City Saugerties	State NY	Zip 12477	City	State	Zip
National Board # 225424	Jurisdiction # Asset# 10846	Property # DHW-2	Boiler Use Domestic hot water supply	Fuel Type Liquid Propane	
Manufacturer Laars		Model # BWCV0200PACC1BLN	Serial # C 10-225424	Year Built 2010	
Capacity 199,000 BTU/HR	Design Pressure 160 psi	Operating Pressure 12-20 psi	Programmer Manufacturer Laars	Burner Manufacturer Laars	
Number of Safety Valves 1	Combustion Efficiency % CO2	ppm CO	% Excess O2	Flue Gas Temperature Degrees F	
	Valve Manufacturer Cash Acme	Size 3/4"	Set Pressure 125 psi	Capacity 2,289,000 BTU/HR	Lift Pressure Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Blocked Flue Switch, Combustion Air Switch, Flow Switch, Flame Sensor, High Temperature Lockout (pre-set and non adjustable), Operating Temperature Control Local and Remote. The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It lifted freely and reseated with no leakage.					
Reason(s) for Declining Certification					
Comments The 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. Watersides and firesides are in good condition. All safety devices tested functioned properly during the inspection process.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale C. Brooks</i>			
Attachments No	Technical Manager Pages	Signature <i>Jerry Kuykendall</i>			

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Customer 99th RSC R2 Z1 NY128 USARC Saugerties			Boiler Location Name and/or Building Number OMS		
Address 1001 Kings Highway			Boiler Location Address		
City Saugerties	State NY	Zip 12477	City	State	Zip 0
National Board # 134822	Jurisdiction # Asset# 10878	Property # 4	Boiler Use Closed Heating Loop	Fuel Type Natural Gas	
Manufacturer Lochinvar		Model # KBN210		Serial # D10H10134822	Year Built
Capacity 210,000 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	510,000 BTU/HR	Hand
Valve 2					Sat
Valve 3:					
Valve 4:					
Safety Devices Tested Low Water Level Control, Flame Rods (2), Combustion Air Proving, Blocked Drain, High Temperature Limit is pre-set and Automatic Reset, The safety valve was lifted by hand per NBIC Part 2 Sec 2.5.7.e. It lifted freely and reseated with no leakage. Operating temperature control is controlled by remote thermostat.					
Reason(s) for Declining Certification					
Comments The 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. It is recommended that firesides be cleaned at manufacturers recommended intervals. All safety devices tested functioned properly during the inspection process. Recommend installing CO monitor/alarm as required by NBIC 2019.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale O. Brooks</i>			
Attachments No	Technical Manager Pages	Signature <i>Jerry Kuykendall</i>			