

Argent Inspections

Form AI-03

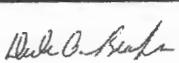
Boiler Inspection Report

Inspection Date 7/27/2023	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2024/2024	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 R4A NY052 USARC Penn Yan			Boiler Location Name and/or Building Number Mechanical Room 103		
Address 198 Cornwell St.			Boiler Location Address		
City Penn Yan	State NY	Zip 14527-1343	City	State	Zip
National Board # 92431	Jurisdiction # Asset # 6560	Property # B-1	Boiler Use Heating Hot Water Loop	Fuel Type N. Gas	
Manufacturer Lochinvar		Model # FTX600N		Serial # 1846112582922	Year Built 2018
Capacity 600,000 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 Apollo	Size 3/4"	Set Pressure 50 psi	Capacity 697,000 btu/hr	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Low Gas Pressure Switch, High Gas Pressure Switch (electrically), Blocked Condensate Drain Switch (electrically), Low Water Lockout (electrically), Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, 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 Install stop valve as required by NBIC Part 1 Section 3.5.7.1. Excessive debris observed on firesides, Clean firesides ASAP.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Unable to perform watersides inspection due to missing stop valve at outlet to boiler. Install stop valve as required by NBIC Part 1 Section 3.7.5.1.(b) Excessive debris observed on firesides, Clean firesides ASAP. All safety devices tested functioned properly during the inspection process. Mark existing remote emergency stop for easy identification and install another emergency stop at other door as required by ASME CSD-1 Part CE-110 Install neutralizer kit to prevent damage to drain system NBIC Part 1 S6.6 (d). Carbon Monoxides monitor/alarm installation in progress.					
Inspector Commission 13373	Inspector Dale Brooks	Signature <i>Dale A. Brooks</i>			
Attachments Yes 3 Pages	Technical Manager Jerry Kuykendall	Signature <i>Jerry Kuykendall</i>			

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Inspection Date 7/27/2023	Certificate Issued No	Expiration Date	Prepared for Inspection Yes	Next Watersides/Firesides 2024/2024	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 R4A NY052 USARC Penn Yan			Boiler Location Name and/or Building Number Mechanical Room 103		
Address 198 Cornwell St.			Boiler Location Address		
City Penn Yan		State NY	Zip 14527-1343	City	
National Board # 92270	Jurisdiction # Asset # 6561	Property # B-2	Boiler Use Heating Hot Water Loop	Fuel Type N. Gas	
Manufacturer Lochinvar		Model # FTX600N		Serial # 184611582919	Year Built 2018
Capacity 600,000 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 Apollo	Size 3/4"	Set Pressure 50 psi	Capacity 697,000 btu/hr	Lift Pressure Hand
Valve 2					
Valve 3:					
Valve 4:					
Safety Devices Tested Flame Rod, Low Gas Pressure Switch, High Gas Pressure Switch (electrically), Blocked Condensate Drain Switch (electrically), Low Water Lockout (electrically), Combustion Air Switch by Speed of Blower, Operating Temperature Control, Automatic Reset High Temperature Limit, High Temperature Lockout, Emergency Remote Dis-connect, 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 Install stop valve as required by NBIC Part 1 Section 3.7.5.1 (b). Excessive debris observed on firesides, Clean firesides ASAP.					
Comments This Hot Water Heating Boiler was inspected per UFC 3-430-07, ASME CSD-1, and the National Board Inspection Code. Install stop valve as required by NBIC Part 1 Section 3.7.5.1 (b). Excessive debris observed on firesides, Clean firesides ASAP. All safety devices tested functioned properly during the inspection process. Mark existing remote emergency stop for easy identification and install another emergency stop at other door as required by ASME CSD-1 Part CE-110 (b). Install neutralizer kit to prevent damage to drain system NBIC Part 1 S6.6. Carbon Monoxide monitor/alarm installation in progress.					
Inspector Commission 13373	Inspector Dale Brooks	Signature 			
Attachments Yes 3 Pages	Technical Manager Jerry Kuykendall	Signature 			

Argent Inspections

Form AI-04

Pressure Vessel Inspection Report

Inspection Date 7/27/2023	Certificate Issued No	Expiration Date	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 NY052 USARC Penn Yan			UPV Location Name and/or Building Number Mechanical Room			
Address 198 Cornwell St.			UPV Location Address			
City Penn Yan		State NY	Zip 14527-1343	City	State	Zip
National Board # 1008535	Property #	Manufacturer Melben			Serial Number NB 1008535	
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						Year Built 2001
Capacity 11 cu.ft	Design Pressure 200 psi	Operating Pressure 165 psi	Test Pressure 165 psi	Number of Safety Valves 1		
	Valve Manufacturer Valve 1 CDI	Size 1/4"	Capacity (CFM) 65 SCFM	Setting (PSI) 200 psi	Valve Condition Unsat.	
	Valve 2					
Reason(s) for Declining Certification Safety valve lifted over 240 psi when tested, which exceeds limit required by ASME Section VIII Part UG-153 Para. (a). Install foundation bolts as required by NBIC Section 1.6.1.						
Comments This air receiver was inspected per UFC 3-430-07, ASME Section VIII, 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. Safety valve lifted over 240 psi when tested, which exceeds limit required by ASME Section VIII Part UG-153 Para. (a). Replace the safety valve with an ASME approved valve set at a maximum of 200 psi and a capacity of at least 118 scfm. Install foundation bolts as required by NBIC Section 1.6.1.						
Inspector Commission 13373	Inspector Dale A. Brooks	Signature 				
Attachments Yes 3 Pages	Jerry Kuykendall	Signature 				