

Loss Prevention Report

The Hartford Steam Boiler Inspection and Insurance Company

Insured:

Community Congregational Church

Client Company:

Church Mutual Insurance Company

Location:

Community Congregational Church
221 Columbia Tpke
Rensselaer, NY 12144

Policy No.:

0265242

HSB ID No.:

BN-1000144

Conferred With:

Mr. Tom Poole, Chair of Council

HSB Location No.:

48182

Service Date:

June 6, 2022

HSB Representative:Christopher Ryan

Inspection Summary

The purpose of this visit was to conduct insurance loss prevention activities and complete jurisdictional inspections required by law on boilers and pressure vessels. The NY181210L Lochinvar boiler was satisfactorily inspected and the Certificate of Operation was validated for two years.

However, one recommendation was made which is covered in the Recommendations section below.

An exit interview was conducted with Mr. Tom Poole, Chair of Council, during which the conditions noted and recommendation were discussed.



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Recommendations

Advisory Recommendations

Helpful information based on sound engineering judgment.

Recommendation No.:	Equipment ID:	Initial/Follow-up:	Recommendation Status:
BLR-WT-G-HWH-22-06-06-01/OP-01	Boiler Logs	Initial	Open

Condition

Boiler logs are not kept at this location.

Recommendation

Boiler logs should be maintained at this facility. An improved maintenance program can be realized if a log of operating conditions is kept. Logs should be periodically reviewed to monitor any unusual acute changes or chronic trends. Recorded values that never change could indicate instrumentation that is in need of maintenance. Logs for your use may be obtained at HSB.com, Knowledge Center, Equipment Care, Logs and Checklists.

Optimize - Potential Savings Opportunity

Boiler logs provide records that can be used to identify efficiency opportunities. A flue gas temperature rise over time indicates potential fouling of either the gas-side or the water-side of the boiler. A 40° F rise in flue gas temperature at the same ambient air temperature results in a 1% boiler efficiency decrease. In addition, increases in feedwater makeup or changes in water treatment requirements are indicative of potential leaks in the plant steam system. Leaks are direct energy losses and require additional makeup water and water treatment chemicals.

Photos

Photo of an example of a boiler logsheet.



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Community Congregational Church
June 06, 2022
Page 3

Comments

Equipment requiring inspection under local jurisdictional rules was examined externally for indications of leakage, corrosion, or other adverse conditions. Controls and/or safety devices were examined for proper installation and were tested by facility personnel for proper operation.

Thank you for the cooperation received during this visit. Should you have any questions or comments concerning this inspection or the recommendation submitted, please contact the Customer Service Center at 1-800-333-4677 for assistance.

HSB Efficiency First™ brings together tools and resources to help you better manage the equipment you rely on every day. This easy-to-navigate site brings you efficiency calculators, self-assessment tools to evaluate hidden exposures, maintenance and operation guidelines, and pre-emergency planning tools to help you handle those unforeseen equipment outages. So, check out **HSB Efficiency First™** and take control of one of the most important aspects of your business – your equipment.

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Community Congregational Church
June 06, 2022
Page 4

POL - 1000144

LOC - 48182

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