

# Department of Inspections, Appeals, & Licensing

## Boiler & Pressure Vessel Inspection Bureau

6200 Park Ave., Des Moines, IA 50321

Phone: 515-725-2050 Website: [www.iowaboilers.gov](http://www.iowaboilers.gov)

### REPORT OF INSPECTION

\* - Req. For All \*B - Req for Boiler

DATE INSPECTED *	CERT EXP DATE *	CERTIFICATE POSTED *	OWNER NO *	JURISDICTION NUMBER *	NAT'L BD NO <input type="checkbox"/>	OTHER NO <input checked="" type="checkbox"/>
07/31/2023	12/31/2024	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	1	IA048472	B2	
OWNER				NATURE OF BUSINESS		CERTIFICATE INSPECTION
Alta-Aurelia CSD/Admin Ofc & Preschool				School		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OWNER STREET ADDRESS				OWNER CITY		KIND OF INSPECTION
101 W 5th St				Alta		<input checked="" type="checkbox"/> INT <input type="checkbox"/> EXT
USER NAME - OBJECT LOCATION				SPECIFIC LOCATION IN PLANT *		STATE
Alta-Aurelia CSD - Admin Ofc & Preschool				Boiler Room		IA
USERS STREET ADDRESS				USERS CITY		ZIP
101 W 5th St				Alta		51002-1325
TYPE *			YEAR BUILT *	MANUFACTURER *		ASME CODE STAMP *
<input checked="" type="checkbox"/> FT <input type="checkbox"/> WT <input type="checkbox"/> CI <input type="checkbox"/> OTHER _____			1987	Kewanee		H
USE *			FUEL	METHOD OF FIRING	PRESSURE GAGE TESTED *B	
<input type="checkbox"/> POWER <input type="checkbox"/> PROCESS <input checked="" type="checkbox"/> STEAM HTG <input type="checkbox"/> HWH <input type="checkbox"/> HWS <input type="checkbox"/> OTHER _____			Gas/Oil	Burner	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
PRESSURE ALLOWED *		SAFETY-RELIEF VALVES		LOG BOOK REVIEWED *		EXPLAIN IF PRESSURE CHANGED
THIS INSPECTION 15		SET AT * 15		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
PREV INSPECTION 15		TOTAL CAPACITY * 1900 PPH				
IS CONDITION OF OBJECT SUCH THAT A CERTIFICATE MAY BE ISSUED? *			SIZE	HYDRO TEST		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (IF NO EXPLAIN FULLY UNDER CONDITIONS)			1760 PPH	<input type="checkbox"/> YES _____ PSI DATE _____ <input checked="" type="checkbox"/> NO		

**CONDITIONS:**

See Supplemental Report

**REQUIREMENTS:** (List of Code Violations)

See Supplemental Report

NAME AND TITLE OF PERSON TO WHOM REQUIREMENTS WERE EXPLAINED		PHONE NO
Ms. Tracy Nevill - Lead Custodian - 712-299-4989		
I HEREBY CERTIFY THIS IS A TRUE REPORT OF MY INSPECTION	NB NO	Inspection Fee \$40.00
Matthew Worthey	16909	
SIGNATURE OF INSPECTOR	IOWA NO	Paid _____ Issue Cert Yes _____
	1763	

# Supplemental Report

**Jurisdiction No.:** IA048472

**Date Inspected:** 7/31/2023

**Location Name:** Alta-Aurelia CSD - Admin Ofc & Preschool

**Comments:**

Performed an Internal Certificate Inspection on this fire tube steam boiler. One float type low water fuel cutoff (LWFCO) clean and free, one probe type low water fuel cutoff (LWFCO) need to be cleaned, fire side has no soot, water side has heavy scale that is descaling, there appear to be at least two (2) tubes leaking from the ends (See Violation), refractory is in satisfactory condition, gas valve actuator is not leaking hydraulic fluid, high limit set at 7 psi at time of inspection. LWFCO's are tested daily, safety valve is tested monthly. The object appears to be in good condition and the boiler room appears to be in satisfactory condition with no objects stored on or around boiler. A twelve-month operating certificate may NOT be issued for this object. An inspection of the boiler revealed several tube end leaks that are possibly leaking at both sheets. The affected tubes are located on the first pass. Repair/Replace the affected tubes as soon as possible. Ensure that a qualified boiler repair firm, registered with the National Board, and holding a current "R" stamp as necessary, conducts the boiler repairs. The repairs should be followed up with a hydrostatic test to ensure boiler integrity has been restored. This condition was discussed with Ms. Tracy Nevill - Maintenance, who indicated it would be corrected prior to the unit being returned to service. Reference: Iowa Boiler Rules, NBIC Part 2, Sects. 2.2.7, 2.2.12.2, 3

**Conditions:**

An inspection of the boiler revealed several tube end leaks that are possibly leaking at both sheets. The affected tubes are located on the first pass.

Tubes replaced and tested per email from Ms. Tracy Nevill - Maintenance on 10/5/23. M. Worthey

**Requirements:**

Repair/Replace the affected tubes as soon as possible. Ensure that a qualified boiler repair firm, registered with the National Board, and holding a current "R" stamp as necessary, conducts the boiler repairs. The repairs should be followed up with a hydrostatic test to ensure boiler integrity has been restored.

This condition was discussed with Ms. Tracy Nevill - Maintenance, who indicated it would be corrected prior to the unit being returned to service.

Reference: Iowa Boiler Rules, NBIC Part 2, Sects. 2.2.7, 2.2.12.2, 3

**Status:** Closed

**Date Closed:** 10/05/2023

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