

# CERTIFICATION Informs

An Urgent Bulletin from CSA Group

Ref No: I19-068

Electric Water Heaters No. 9

Existing Certification not affected

Date: May 23, 2019

Apply any time to have your products evaluated

Announcing: Publication of Standard UL 1453 (6th Edition), Electric Booster and Commercial Storage Tank Water Heaters, and Revisions to Standard UL 1453 (6th Edition)

Class No: 2831 83, HEATERS - Cooking and Liquid - Stationary Type-Certified to US Standards

## Who is affected?

Manufacturers of electric booster water heaters and commercial storage tank water heaters.

## What do you do?

1. This publication outlines certification revisions that do not affect your currently certified product designs.
2. Please contact CSA technical staff if you have questions or need information concerning this publication and how it applies to you.
3. If you would like to arrange for an evaluation of new products to the revisions, initiate a certification project by contacting our Client Services Centre at 1-866-797-4272. Please supply appropriate supporting documentation\*. If testing is needed, we will inform you of the samples required.

\*which includes technical information, company name, address, factory locations and CSA file number or master contract number (if assigned), and any other relevant documentation.

## Approvals:

This Informs announces the publication of Standard UL 1453 (6th Edition), Electric Booster and Commercial Storage Tank Water Heaters, and revisions published March 9, 2017 and May 18, 2018, which supersedes the previous edition of the Standard UL 1453 (5th Edition).

Please note that all new applications and updates to currently CSA Certified product(s) will be evaluated to the revised requirements, detailed in the "Major Revisions" section below.

## Major Revisions:

See Attachment 1.

For questions specific to your file or products contact your CSA Group technical staff associate.

Go to <https://www.csagroup.org/testing-certification/product-listing/> and enter your Master Contract # and the class numbers associated with this Informs to view your certified products.

## For technical questions on this Informs

Contact Don Lee  
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# **ATTACHMENT 1**

## Major Revisions

1. Sec. 6.1.6 added requirements permitting an outer jacket of polymeric material.
2. Sec. 20.2.1 added Exception No. 1 permitting alternative material at a plumbing connection.
3. Sec. 20.2.1 revised Exception No. 3 permitting the use of HF-1 or HF-2 rated foam to contact internal wiring, and electrical components be located less than 2 inches from HF-1 or HF-2 rated foam.
4. Sec. 20.2.1 added Exception No. 4 permitting foam not be rated per UL 746B, if maximum foam temperatures do not exceed the foam manufacturer's temperature specifications.
5. Sec. 24.6 and Table 24.1 added clarifying the parameters required for limiting controls evaluated to UL 60730-2-9.
6. Sec. 25.1 revised clarifying the 90 C maximum water temperature is under normal operation.
7. Sec. 25.6 and Table 25.1 added clarifying the parameters required for regulating controls evaluated to UL 60730-2-9.
8. Sec. 60 - 64 added requirements permitting outdoor use equipment.
9. Table 45.1 revised clarifying a maximum temperature rise of 125 C for phenolic.