CERTIFICATION Notice

An Urgent Bulletin from CSA Group

Gas Products No. 421 **Effective Date: March 31, 2019**

Date: November 14, 2017 **Apply Before July 1, 2018**

Announcing: ANSI Z21.10.3-2017/CSA 4.3-2017 Standard For Gas Fired Water Heaters, Volume III, Storage Water Heaters With Input Ratings Above 75,000 Btu per Hour, Circulating or Instantaneous

Class No: 2902 93, COMMERCIAL HEATERS (GAS) - Water Heaters-Certified to US Standards
2902 13, COMMERCIAL HEATERS (GAS) - Water Heaters

To purchase the Standard, visit us at www.shop.csa.ca

Who is affected?

Manufacturers of gas fired commercial water heaters.

What do you do?

1. The revisions outlined in this Certification Notice will not require testing, but will require updates to your Certificate(s) of Compliance & Report(s). CSA Group Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports.
2. Please respond within thirty (30) days of receiving CSA Group's "Application for CSA Certification Services" and "Quotation" communication. You must respond no later than July 1, 2018 in order to guarantee the update to your certification is completed by March 31, 2019.

Approvals:

The following seventh edition was approved by the American National Standards Institute, Inc. on August 21, 2017, and by the Interprovincial Gas Advisory Council on August 18, 2017:

ANSI Z21.10.3-2017/CSA 4.3-2017 Standard for Gas Fired Water Heaters, Volume III, Storage Water Heaters with Input Ratings above 75,000 Btu per Hour, Circulating or Instantaneous

The revisions in this edition supersedes any corresponding provisions of ANSI Z21.10.3-2015/CSA 4.3-2015, and are identical to the coverage published and circulated in December 2015 for Industry Review and Comment, and editorially modified during the July 14, 2016 and September 14, 2016, Water Heaters TSC.

Major Revisions:

See attachment 1

For questions specific to your file or products contact your CSA Group technical staff associate.
Go to http://www.csagroup.org/services/testing-and-certification/product-listing/ and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

For technical questions on this Certification Notice

Contact John Kory
by phone (216) 524-4990 x88125, fax 216-642-3081
or e-mail john.kory@csagroup.org

The standard edition or amendments announced in this Notice may be used for certification as of the date of issue of this Notice. The "Effective date" in this Notice is the date on which the current requirements, applicable to Certified products listed in the affected class numbers, expire and the standard edition or amendments announced in this Notice become the only requirements that may be used for certification.

In the event that currently certified products do not comply with the latest requirements outlined in this Notice after the "effective date", the certification of such models may be discontinued.

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ATTACHMENT 1

Major Revisions

The following are the major revisions contained in ANSI Z21.10.3-2017/CSA 4.3-2017

Clause(s)	Changes
4.5.8	A visual observation port is only necessary for injection (Bunsen type) burners and other burners where manufacturers require visual flame observation to adjust the burner for proper operation. A visual observation port is not necessary, when visual observation of the flame is not used to adjust the burner for proper operation.
4.5.9	Clause 4.5.9, as previously written, could be interpreted as requiring the use of observation ports on all direct vent appliances. The revised language clarifies that 4.5.9 covers the construction requirements of an observation port only when required by other clauses.
4.13.2	The existing coverage contained within the standard for non-metallic dip tubes is removed and replaced with a reference to the Standard for Non-metallic dip tubes for use in water heaters; ANSI Z21.98 / CSA 4.10. Appliance manufacturers must submit evidence that their dip tubes are in compliance with Z21.98 / CSA 4.10 or arrange to have their dip tubes submitted for testing to that standard.
4.30.1c iv ; 4.30.2c iv and D4	The existing clauses are expanded to clarify that periodic visual check of pilot and burner flames, by comparison with pictorial sketches or drawings, is only required for appliances equipped with burners that must be adjusted for proper operation as directed by the appliance manufacturer.
4.30.16	The marking requirement is changed to a temperature value equal to the maximum thermostat setting available on the water heater.
8.7	The existing clause is expanded to maintain the references to ANSI Z21.20 and CSA C22.2 No. 199, and editorially include a reference to ANSI Z21.20-2014 • CSA 60730-2-5-14 as an additional option.