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Policy Notification- **AMENDED 10/03/2018** <Potable Hot Water Storage Vessels>

This Policy notice is being issued to clarify enforcement of the Uniform Boiler and Pressure Vessel Act and Administrative Rules regarding the inspection requirements of potable hot water storage vessels, ~~and potable hot water storage vessels heated indirectly by steam or other means as through a coil or heat exchanger~~, herein referred to as hot water tanks.

- In the past, it was generally an accepted practice to exempt hot water tanks based on size, without giving consideration to the indirect heat input. Previously, ASME Section IV HLW-808 called for the construction requirements to be met based on the capacity limit not exceeding 120 gallons, without considering heat input. HLW-808 was deleted in the 2013 ASME Code edition.
- The Uniform Boiler and Pressure Vessel Act of North Carolina exemptions article 95-69.10(c) applies an exemption to hot water tanks that do not have a heat input of more than 200,000 Btu/hr (58.6 kW) nor 120 gallons.
- ~~All inspectors shall consider any indirect heat input into a hot water storage tank when attempting to apply the article of exemptions 95-69.10. If the input to the hot water storage tank is not known or cannot be determined, the input shall be considered to be greater than 200,000 Btu/hr and therefore be subject to the jurisdiction and inspected accordingly.~~
- ~~For new and replacement installations, any hot water storage tank identified by an inspector not to be exempt considering our statute, rules and this notice, shall be subject to the construction requirements in 13 NCAC 13.0400, and shall be so stamped with the ASME Designator "U", "HLW" or "RP".~~
- ~~Any hot water storage tank subject to this notice, that was previously installed and considered exempt before the date of this notice, shall not be subject to the construction requirements in 13 NCAC 13.0400. However, when identified by an inspector, it shall be registered and inspected according to our applicable rules.~~
- The Boiler Safety Bureau will no longer enforce the heat input portion of this exemption to potable hot water storage vessels, due to the revision of the "Service Limits" in the 2017 edition of ASME Section IV, Part HLW-101.
- If an open violation exists on a hot water storage vessel due to the heat input, the Inspector shall close the violation, and place the object "inactive".

Cliff Dautrich- Chief Inspector