

**DEPARTMENT OF BUSINESS & INDUSTRY  
DIVISION OF INDUSTRIAL RELATIONS  
MECHANICAL COMPLIANCE SECTION**

**MEMO FOR RECORD**

**DATE:** 8/1/16

**TO:** Owners of Boilers; Licensed Contractors; Stakeholders

**FROM:** Randy Jewett – Chief Administrative Officer, Mechanical Compliance Section (MCS)   
David Sandfoss – Safety Supervisor, MCS   
Thomas Danielson – Safety Supervisor, MCS 

**SUBJECT:** NAC 455C.114 Exemption from provisions to include specific Potable Water Heaters

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The Mechanical Compliance Section (MCS) as the Authority Having Jurisdiction (AHJ) for boiler and pressure vessel regulation per Nevada Revised Statutes (NRS 455C.110) has issued this Memo for Record to interpret and clarify the intent of a provision in Nevada Administrative Code (NAC) chapter 455C.

NAC 455C.114.7 exempts pressure vessels containing water heated by steam or by any other indirect means if none of the following limitations is exceeded:

- (a) An input of heat of 199,999 British thermal units per hour (58,600 watts).
- (b) A water temperature of 210 degrees Fahrenheit (99degrees Centigrade).
- (c) A water capacity of 120 gallons (450 liters).

“Potable Water Heaters” were not included in the exemptions of NAC 455C.114. MCS acknowledges that this omission has created a misinterpretation concerning direct fired potable water heaters designed for commercial and/or industrial purposes.

We remain responsive to business and industry through compliance with minimum safety codes and standards. Therefore, until the NAC 455C is revised to include an exemption, when a licensed contractor makes a request on the prescribed form before the installation begins, MCS will grant an exemption from the provisions of NAC 455C for potable water heaters that are designed for commercial use if none of the following limitations are exceeded:

- a) An input of heat of 200,000 British thermal units per hour (60 kilowatts).
- b) A water temperature of 210 degrees Fahrenheit (99degrees Centigrade).
- c) A water capacity of 120 gallons (450 liters).

Approved for Posting,

  
Randy Jewett, C.A.O.  
DBI/DIR/MCS