



Mechanical Compliance Section

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Water Heater Regulation Update and Unofficial Compilation of Nevada Administrative Code 455C

On September 28, 2022, the Legislative Counsel Bureau (LCB) permanently adopted File Number R033-21 (<https://www.leg.state.nv.us/Register/2021Register/R033-21AP.pdf>). The Unofficial Compilation of Nevada Administrative Code (NAC) 455C is posted on the MCS website under the “Regulations” tab for the convenient use of the public until such a time as the official version of the document is published on the LCB website. This change to the NAC harmonizes with recent changes to Nevada Revised Statutes 455C regarding the regulation of water heaters and the equipment and apparatuses used in connection with water heaters.

Discontinuation of Certain Permit Requirements

Water heaters with an input of heat of 199,999 British Thermal Units per hour or less, a water temperature of 210 degrees Fahrenheit or less, and a water capacity of 120 gallons or less are no longer regulated by the Mechanical Compliance Section (MCS). Previous permits issued for such devices are no longer in effect. Owners of such devices and contractors wishing to install such devices no longer need contact the MCS for approval or permitting.

New Permit Requirements

The recently enacted regulation creates new requirements for installation and operating permits for fuel-fired water heater systems that are composed of multiple water heaters that collectively have a capacity of not less than 1,000,000 British Thermal Units. The permit requirements apply to systems that meet the following definition:

1. **“Equipment and apparatuses used in connection with a water heater”** means the following systems and rooms that are used for fuel-fired water heater systems:
 - (a) The emergency shut-off valve described in NAC 455C.206;
 - (b) Carbon monoxide monitoring systems;
 - (c) Air and ventilation systems as described in NAC 455C.270; and
 - (d) Any rooms and any exits from such rooms that are described in NAC 455C.272.

2. As used in this section, **“fuel-fired water heater system”** means a system which:
 - (a) Has a capacity to burn fuel at an input heat of not less than 1,000,000 British thermal units per hour; and
 - (b) Is comprised of water heaters that individually would be exempt pursuant to subsection 7 of NAC 455C.114 but, together, make up the system.

Owners of affected systems and contractors who wish to install such systems should contact the MCS as soon as possible to discuss installation and operation requirements. Insurance companies and boiler special inspectors are also encouraged to contact the MCS for training and familiarization regarding the inspection requirements for such systems.

The Application for Permit to Install Equipment or Apparatuses Used in Connection with Water Heaters” can be found at <https://dir.nv.gov/MCS/Forms/Home/>.