

**PROPOSED REGULATION OF THE
DIVISION OF INDUSTRIAL RELATIONS OF THE DEPARTMENT OF
BUSINESS AND INDUSTRY**

LCB FILE NO. R012-25I

**The following document is the initial draft regulation proposed
by the agency submitted on 06/05/2025**

**PROPOSED TEMPORARY REGULATION OF THE DEPARTMENT OF BUSINESS &
INDUSTRY, DIVISION OF INDUSTRIAL RELATIONS FOR THE
AMENDMENT OF NAC CHAPTER 455C**

EXPLANATION — Matter in *italics* is new; matter in brackets [~~omitted material~~] is material to be omitted.

AUTHORITY: NRS 455C.110; NRS 233B.040.

A REGULATION relating to public safety; creating and revising certain exemptions to the provisions governing boilers and pressure vessels; and providing other matters properly relating thereto.

Section 1. NAC 445C.114 is hereby amended to read as follows:

NAC 455C.114 Exemptions from provisions. (NRS 455C.110, 455C.112) The provisions of NAC 455C.020 to 455C.300, inclusive, do not apply to:

1. Boilers and pressure vessels governed by the provisions of chapter 512 of NRS and except as otherwise provided in section 8 of R026-23, chapter 512 of NAC.
2. Boilers and pressure vessels installed or used in a single-family residence unless the boiler or pressure vessel is a:
 - (a) Hot water supply boiler;
 - (b) Hot water supply tank that has a storage capacity which exceeds 120 gallons;
 - (c) Low-pressure heating boiler;
 - (d) Power boiler; or
 - (e) Pressure vessel that:
 - (1) Operates at pressures that exceed 15 PSIG; or
 - (2) Has a storage capacity of 5 cubic feet or more by volume.
3. Boilers and pressure vessels under the control of the Federal Government.
4. Unfired pressure vessels meeting the requirements of the United States Department of Transportation for the shipment of liquids or gases under pressure.
5. Unfired pressure vessels having an inside diameter not exceeding 6 inches (152 millimeters).
6. Unfired pressure vessels containing cold water under pressure, including those containing air, the compression of which serves only as a cushion.
7. A water heater or a pressure vessel 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 (99 degrees Centigrade).
 - (c) A water capacity of 120 gallons (450 liters).

8. Unfired pressure vessels that do not exceed 5 cubic feet in volume and 15 PSIG.
9. An unfired pressure vessel that may be classified as a pressure container which is an integral part or component of a rotating or reciprocating mechanical device, including a pump, compressor, turbine, generator, engine and hydraulic or pneumatic cylinder where the primary considerations of or stresses in the design, or both, are derived from the functional requirements of the device.
10. Unfired pressure vessels used for the storage of compressed air only.
11. A hot water heater constructed of continuous coils, which is used only to produce steam vapor to clean machinery, equipment and buildings, if:
 - (a) The tubing or pipe size does not exceed three-fourths of an inch in diameter and drums and headers are not attached;
 - (b) The nominal water containing capacity does not exceed 6 gallons;
 - (c) The water temperatures do not exceed 350 degrees Fahrenheit; and
 - (d) Steam is not generated within the coil,↪ except that the provisions of NAC 455C.020 to 455C.300, inclusive, do apply to safety relief valves on a hot water heater constructed of continuous coils.
12. Unfired pressure vessels and piping containing liquid petroleum gas and liquid natural gas.

13. All brazed plate heat exchangers:

(a) Which are installed in any chiller, heat pump, or refrigeration equipment that is located within an outdoor installation, regardless of size, volume of refrigerant in the unit or rated pressure and limited to use with A1 or A2L refrigerants;

(b) Installed within autoclave assemblies, regardless of size or rated pressure;

(c) Which are A1 refrigerants in a Type 1 system that are installed in any chiller, heat pump, or refrigeration equipment that is located within an indoor installation, and that:

(1) Do not exceed 50 pounds in volume of refrigerant per circuit;
and

(2) Do not exceed a tonnage of 50 tons cooling capacity per circuit;
or

(d) Which contain A2L refrigerants that are installed in any chiller, heat pump, or refrigeration equipment that is located within an indoor installation and that:

(1) Do not exceed 50 pounds in mass of refrigerant per circuit;

(2) Do not exceed a tonnage of 50 tons cooling capacity per circuit;
and

(3) Is not installed in a room or area that is less than 500 square feet floor space.