NEBRASKA ADMINISTRATIVE CODE

TITLE 229 - DEPARTMENT OF LABOR

CHAPTER 15 - REPAIRS OR ALTERATIONS

001. This chapter is adopted pursuant to *Neb. Rev. Stat.* ' 48-727.

002. Where repairs or alterations are necessary, a commissioned inspector shall be notified. The inspector may give prior approval for routine repairs provided they have assured themselves that the repair organization has acceptable procedures covering the repair. Routine repairs shall mean those repairs identified as routine repairs in the National Board Inspection Code.

003. After such repairs are made they shall be subject to the acceptance of the commissioned inspector.

004. Repairs or alterations to all boilers and pressure vessels, and their jurisdictional appurtenances shall conform to the requirements of the National Board Inspection Code, the original code of construction or the API-510 Pressure Vessel Inspection Code, as applicable. If the requirements outlined in the NBIC or API-510 cannot be followed the Chief Boiler Inspector shall be contacted for resolution and approval of the repair plan. The Chief Boiler Inspector shall use the latest edition/addenda or any previous edition/addenda of the ASME code, ANSI codes, the Machinery=s Handbook, Engineering Formulas, Welding Research Council Bulletins or other such standards or publications for guidance in making a determination in the acceptability of a repair plan. If a resolution cannot be found, the Boiler Safety Code Advisory Board shall be contacted for a final resolution.

005. Repairs or alterations of boilers or pressure vessels must be accomplished by an organization in possession of the AR@ symbol stamp issued by the National Board. The repair organization is responsible for arranging for the services of a commissioned inspector prior to performing the ~~welded~~ repair or alteration. Repairs of pressure vessels may be performed by an owner-user repair organization which repairs its own equipment in accordance with API-510 or by an owner-user repair organization accredited in accordance with the National Board Inspection Code. Repairs and alterations shall be performed within the scope of the organization's quality control manual.

006. A. Except as provided in subsection (B) of this section, repairs to pressure relief valves shall be made only by an organization which holds a valid Certificate of Authorization for use of the National Board Pressure Relief Valve Repair AVR@ symbol stamp, except that in the case of pressure vessels, such repairs may be performed by an owner-user repair organization which repairs its own equipment in accordance with API-510 or the National Board Inspection Code. The initial installation testing and adjustments of a new pressure relief valve on a boiler or

pressure vessel are not considered a repair, if made by the manufacturer or assembler of the valve.

B. The Chief Inspector may authorize properly trained and qualified employees of pressure vessel users, or their designees, to make adjustments to set pressure and/or blowdown for pressure relief valves owned or used by them, provided the adjusted settings and/or capacities and the date of the adjustment are recorded on a metal tag secured to the seal wire. All external adjustments shall be resealed showing the identification of the organization making the adjustments. A record of all external adjustments shall be maintained and made available to the inspector.

007. Welded repairs to boilers or water heaters constructed of cast steel, cast iron, or cast aluminum are prohibited. "Welded repairs" do not include any welding done by the original material manufacturer in the course of construction of the unit.