

SECTION .0400 – GENERAL REQUIREMENTS

13 NCAC 13 .0401 DESIGN AND CONSTRUCTION STANDARDS

- (a) The design, construction, installation, inspection, stamping, certification, and operation of all boilers and pressure vessels shall conform to the rules in this Chapter and the Accepted Design and Construction Code as defined in this Chapter.
- (b) Repairs and alterations to boilers and pressure vessels shall conform to the requirements of the National Board Inspection Code, except as provided in Paragraph (g) of this Rule.
- (c) The rules of this Chapter shall control when any conflict is found to exist between the Rules and the accepted design and construction code or the National Board Inspection Code.
- (d) Welded repairs and alterations shall be made only by an individual or organization in possession of a valid certificate of authorization for use of the National Board "R" symbol stamp, except as provided in Paragraph (g) of this Rule. Repairs and alterations shall be reported on National Board Form R Reports, as required by the NBIC. These reports are available through the National Board of Boiler and Pressure Vessel Inspectors. The reports, along with supplements used, shall be submitted to the Chief Inspector within 60 days of the completion of the work conducted. Repair and alteration reports shall be annotated with the NC identification number for the pressure equipment repaired.
- (e) In such cases where removal of a defect in a pressure-retaining item is not practical at the time of discovery, the repair shall be conducted in compliance with the NBIC, Part 3 Repairs and Alterations, Repair of Pressure-Retaining Items Without Complete Removal of Defects. The Chief Inspector shall be contacted for approval of the use of this repair method.
- (f) Repairs of safety valves or safety relief valves shall be made by an individual or organization in possession of a valid certificate of authorization for use of the National Board "VR" symbol stamp.
- (g) Welded repairs and alterations to exhibition (historical) boilers of riveted or welded construction may be conducted by a welder who has been qualified in accordance with the ASME Boiler and Pressure Vessel Code, Section IX, Welding and Brazing Qualifications.

*History Note: Authority G.S. 95-69.11;
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