

**13 NCAC 13 .0423      MODEL HOBBY BOILERS**

Model hobby boilers shall meet the following requirements:

- (1) Each boiler shall have:
  - (a) an operating pressure gauge that shall not be less than 1 ½ times nor more than four times the operating pressure of the boiler;
  - (b) two safety relief valves each of which shall be capable of protecting the boiler from over pressurization. Requirements for ASME/NB certification are waived. If an ASME/NB safety relief valve is utilized, only one safety relief valve is required;
  - (c) an accessible mud-ring valve;
  - (d) a water gauge glass; and
  - (e) if constructed of copper, a fusible plug in the top of the crown sheet.
- (2) The construction requirements established by the Department of Labor shall not apply to Model Hobby Boilers when the following requirements are met:
  - (a) Documentation to verify the design and construction specifications have been reviewed and accepted by the Chief Inspector; and
  - (b) The boiler and associated components have been constructed using material rated for the intended service.
- (3) Upon completion of the inspection and payment of the applicable fees referenced in this Chapter, the Chief Inspector shall issue a Certificate of Inspection valid for one year.

*History Note: Authority G.S. 95-69.11; 95-69.14;  
Eff. July 1, 2006;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. July 22, 2018;  
Amended Eff. November 1, 2024; April 1, 2022.*