

13 NCAC 13 .0420 FIRING MECHANISM CONTROLS

- (a) Automatically fired boilers and pressure vessels shall be provided with firing mechanism controls.
- (b) Oil, gas-fired, and electrically heated boilers shall be equipped with primary flame safeguard safety controls, safety limit switches, and burners or electric elements that conform to the North Carolina Building Code in effect at the time of installation.
- (c) Automatically fired boilers installed after January 1, 2007, shall be provided with a remote emergency shutdown switch marked for identification. The remote shutdown switch shall be located outside each door of the room in which the boiler is located. Alternatively, the shutdown switch may be located just inside the entrance door(s) where the equipment is located. If there is more than one door to the boiler room, there shall be a switch located at each door designed for primary emergency egress from the boiler room. Boilers that bear the ASME "HLW" designator are not required to be provided with a remote emergency shutdown switch. For boilers not installed in a boiler or equipment room, such as outdoors, on a roof top, or in an open indoor space, the remote emergency shutdown switch shall be accessible within 50 feet of the boiler and located at a safe distance from the boiler as determined by the inspector. The remote shutdown switch shall not be located on the boiler.

*History Note: Authority G.S. 95-69.11; 95-69.14;
 Eff. January 1, 1995;
 Amended Eff. February 1, 2009; 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.*