AN ACT

Relative to the Construction, the Marking for Sale, and the Installation of Range-boilers, Storage-tanks, and Tanks for Similar Purposes and Appliances attached thereto.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 Section two of chapter thirty-nine of the General Acts of the year nineteen hundred and seventeen, is hereby amended as follows: —

4 Section 2. A range-boiler, storage-tank, or other vessel or container, in which hot water may be confined and subjected to a pressure of fifteen pounds per square inch or more, shall have the manufacturer's guarantee mark plainly stamped thereon, that it has been tested to not less than two hundred pounds hydraulic or
hydrostatic pressure to the square inch, together with the working pressure at which it may be installed, and no such range-boiler, storage-tank, or other vessel or container, in which hot water may be confined and subjected to a pressure of fifteen pounds per square inch or more, shall be sold for use, used, operated or installed in this commonwealth if the pressure is greater than thirty-two and one half per cent of the maker's guaranteed test pressure marked thereon.

Section 3. A range-boiler, storage-tank, or other vessel or container, in which hot water may be confined and subjected to a pressure of fifteen pounds per square inch or more shall not be sold for use, used, installed or operated in this commonwealth without the maker's guarantee mark of capacity plainly stamped thereon, which mark shall be within seven and one half per cent of the actual capacity.

Section 4. A range-boiler, storage-tank, or other vessel or container which has in its construction material which will fuse or weaken at a temperature less than five hundred degrees Fahrenheit, which material is used for any other purpose than to make container watertight, shall not be hereafter installed, replaced, or repaired and used, on a pressure greater than fifteen pounds per square inch.

Section 5. A range-boiler, storage-tank, or other vessel or container installed hereafter, in which hot water may be confined and subjected
to a pressure of fifteen pounds per square inch or more, shall be equipped with a suitable relief valve hereinafter described, and a range-boiler, storage-tank, or other vessel or container which may be subjected to fifteen pounds per square inch or more, to which any water heating appliance shall be attached, shall be equipped with suitable relief valve hereinafter described.

Section 6. A relief valve installed to relieve pressure in a range-boiler, storage-tank, or other vessel or container, shall be set to operate at a pressure not exceeding twenty-five pounds per square inch more than the working pressure to which such boiler, tank, vessel, or container is subjected.

Section 7. A relief valve used to relieve pressure in a range-boiler, storage-tank, or other vessel or container, shall be made of number one steam bronze, constructed so it will be practical for use as a hot water faucet, without other means than a suitable spring to hold the valve on its seat, and without an adjustment means whereby the valve may be set to operate at various pressures. The relief valve shall be plainly marked "Safety Relief Valve", together with the pressure at which it is set to operate, and shall be constructed with a water way through it, sufficiently large to pass at least two and one half gallons of water per minute under fifteen pounds pressure, and without packing or other material which may interfere with the proper working of the valve.
Section 8. A relief valve installed to relieve pressure in a range-boiler, storage-tank, or other vessel or container, shall be placed where water may be drawn through it frequently, located as near the vessel it serves, as practical, and connected to it with a pipe having an interior area or water way not less than that of a half inch standard pipe. No stop cock, valve, or shut off of any kind shall be permitted on the pipe, between the valve and the vessel it serves, which pipe shall be so located or protected, that frost cannot interfere with its service.

Section 9. A water heating appliance or water heating device, which may receive heat at a temperature above two hundred and fifty degrees Fahrenheit, shall not be connected to any boiler, storage-tank, or other vessel or container which may be subjected to a pressure of fifteen pounds or more, unless such boiler, tank, vessel or container shall have a radiating or cooling surface at least twenty-six times greater than the heating surface of the water heating appliance, or unless such water heating appliance shall be equipped with suitable automatic controlling means, so that the temperature in the boiler, vessel or container shall not exceed two hundred and fifteen degrees Fahrenheit.

Section 10. Any person who installs, replaces, or alters a range-boiler, storage-tank, or other vessel or container, relief valve, water heating appliance, or water heating device which comes
under the provisions of this act, shall duly notify the plumbing inspector in writing.

Section 11. Any person who installs or re-places, uses, or operates any boiler, tank, or other vessel, relief valve or heating appliance contrary to the provisions of this act, shall be punished by a fine not exceeding fifty dollars for each offence. The plumbing inspectors within their respective cities and towns shall cause the provisions of this act to be enforced.