

possible) with a hammer, that the boilers are free from danger from corrosion or other defects, are well made of good material, the openings for the passage of water and steam, respectively, and all pipes and tubes exposed to heat are of proper dimensions, and free from obstruction; that the flues and tubes, if any, are circular in form, the furnaces in proper shape, and the fire line of the furnaces is at least two inches below the minimum water line of the boilers; and shall also satisfy himself that the safety valves are of suitable dimensions, sufficient in number and well arranged, and that the weights are properly adjusted so as to allow no greater pressure in the boiler than the amount prescribed in the certificate of inspection; that there is a sufficient number of gauge-cocks, a steam gauge, a coupling cock in suitable position for attaching the hydrostatic test, that means for blowing out are provided, so as to thoroughly remove the mud and sediment from all parts of the boilers when they are under the pressure of steam, and that fusible metals are properly inserted so as to fuse by the heat of the furnaces when the water in the boilers shall fall below the prescribed limits, and that adequate and certain provision is made for an ample supply of water at all times; when the inspection is completed and the inspector approves the boiler, he shall make and subscribe a certificate of inspection, stating the condition of the boiler, the number of years or months it has been in use, and the pressure of steam allowed; and no greater pressure than that allowed by the certificate shall be applied to such boiler. In limiting pressure, whenever the boiler under test will, with safety, bear the same, the limit desired by the owner shall be the one certified; and such certificate of inspection shall be framed under glass, and kept in some conspicuous place on the premises where said boiler referred to is used; and if the inspector shall deliver or cause to be delivered to the owner or renter of any boiler a certificate of inspection without having first subjected the said boiler to the tests as herein provided, he shall forfeit his bond, and upon conviction shall be removed from office by the **Governor**.

1872, ch. 153. P. L. L. (1888), Art. 4, sec. 515.

578. In addition to the annual inspection, it shall be the duty of the inspector to examine all boilers within the limits of their respective districts once at least in every three months and if deemed necessary, apply the hydrostatic test; and if on such examination the inspector shall find evidence of deterioration in strength, he shall revoke the certificate and issue another, assigning a lower rate of pressure; and if the defect be of such character as to make the boiler dangerous, the inspector shall notify the owner or renter in writing, stating in the notice what is required, and order the use of the boiler discontinued until the necessary repairs are made; and if he considers it beyond repair, he shall condemn it; and if the owner or renter shall refuse or neglect to comply with the requirements of the inspector, and shall, contrary thereto, and while the same remains unreversed, use the boiler, he shall be liable to a penalty of not less than one hundred dollars for each day such boiler is used, and