

Proviso.

the stem, and one amidship, each having a suitable well-fitted hose, of at least two thirds the length of the vessel, kept at all times in perfect order and ready for immediate use ; each of which pumps shall also be supplied with water by a pipe connected therewith, and passing through the side of the vessel, so low as to be at all times in the water when the vessel is afloat; 5  
 Provided, that in vessels not exceeding two hundred tons measurement, two of said pumps may be dispensed with and in vessels of over two hundred tons, and not exceeding five hundred tons measurement, one of said pumps may be dispensed 10 with.

Inspectors to subject boilers to hydrostatic pressure.

III. Inspectors may, if they deem it necessary so to do, and shall at least once in every year, subject the boiler or boilers of every Steam Vessel inspected by them respectively, to a hydrostatic pressure, the limit of which, not exceeding 15 one hundred and fifty pounds to the square inch, may be prescribed by the owner or the master, and may and shall satisfy themselves by examination and experimental trials, that such boiler or boilers is or are well made of good and suitable material ; and no such Inspector shall make or 20 deliver to the owner or master of any Steam Vessel any such certificate as is mentioned in the sixth section of the said Act, without having first subjected the boiler or boilers of such vessel to such hydrostatic pressure, unless in and by the certificate of the then last half yearly inspection of the same, it 25 shall appear that the same had been subjected to such pressure at such last half yearly inspection.

Test pressure established.

IV. In subjecting boilers to the hydrostatic test aforesaid, the Inspectors shall assume one hundred pounds to the square inch as the maximum pressure, allowable as a working power 30 for a new boiler forty-two inches in diameter, made of the best refined iron, and at least one quarter of an inch thick, in the best manner and of the quality herein required ; and shall rate the working power of all boilers, whether of greater or less diameter, according to this standard ; and in all cases 35 the test applied shall exceed the working power allowed in the ratio of one hundred and fifty pounds to one hundred, using the water in such tests at a temperature not exceeding sixty degrees Fahrenheit ; but should any such Inspector be of opinion that any boiler, by reason of its construction or material, 40 will not safely allow so high a working pressure, he may, for reasons to be stated specifically in his certificate, fix the working pressure of such boiler at less than two thirds of said test pressure ; and no boiler made after the passing of this Act, shall be rated in its working pressure above the aforesaid 45 standard ; and the same rules shall be observed in regard to boilers heretofore made, unless the proportion between such boilers and the cylinders, or some other cause, renders it manifest that its application would be unjust, in which case 50 the Inspectors may depart from these rules, if it can be done

Working pressure not to exceed two thirds thereof.