

physical analysis of samples of the boiler water taken at regular intervals of not more than forty-eight hours of operation as will adequately show the condition of such water and any elements or characteristics thereof which are capable of producing corrosion or other deterioration of the boiler or its parts.

[(5)] (7) A grace period of two months beyond the periods specified in subdivisions (1), (2), (3) and [(4)] (6) of this subsection may elapse between certificate inspections.

[(6)] (8) Under the provisions of this subtitle the Board is responsible to provide for the safety of life, limb and property and [therefor] **THEREFORE** has jurisdiction over the interpretation and application of the inspection requirements as provided for in the rules and regulations which it has formulated. Inspection requirements of operating equipment shall be in accordance with generally accepted practice and compatible with the actual service conditions, such as (i) previous experience, based on records of performance and maintenance; (ii) location, with respect to personnel hazard; (iii) provision for related safe operation controls; and (iv) interrelation with other operations outside the scope of this subtitle.

(c) The inspections herein required shall be made by the chief boiler inspector, by a deputy boiler inspector, or by a special inspector provided for by this subtitle.

(d) If, at the discretion of the inspector, a hydrostatic test shall be deemed necessary, it shall be made by the owner or user of the boiler **OR PRESSURE VESSEL**.

(e) All boilers, other than cast-iron sectional boilers **AND PRESSURE VESSELS**, to be installed in this State after the twelve-month period from the date upon which the rules and regulations of the Board shall become effective shall be inspected during construction or field assembly as required by the applicable rules and regulations of the Board by an inspector authorized to inspect boilers **AND PRESSURE VESSELS** in this State or, if constructed outside the State, by an inspector holding a commission as an inspector of boilers **AND PRESSURE VESSELS** for a state that has a standard of examination substantially equal to that of this State or a commission issued by the National Board of Boiler and Pressure Vessel Inspectors.

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(a) Each company employing such special inspectors meeting the requirements of 174 of this subtitle shall, within thirty (30) days following each certificate inspection made by such inspectors, file a report of such inspection with the chief boiler inspector upon appropriate forms as promulgated by the National Board of Boiler and Pressure Vessel Inspectors. The filing of reports of external inspections shall not be required except when such inspections disclose that the boiler is in a dangerous condition.

(b) If the report filed pursuant to subsection (a) of this section shows that a boiler **OR PRESSURE VESSEL** is found to comply with the rules and regulations of the Board, **THE OWNER USER THEREOF SHALL PAY DIRECTLY TO THE CHIEF INSPECTOR THE SUM OF FIVE DOLLARS (\$5.00) AND** the chief boiler inspector shall issue to such owner or user an inspection certificate bearing the date of inspection and specifying the maximum pressure under which the boiler **OR PRESSURE VESSEL** may be operated. Such inspection certificate shall be valid for not more than fourteen (14) months from its date in the case of power boilers and high pressure, high temperature water boilers and twenty-six (26) months in the case of low pressure steam or vapor heating boilers, hot water heating boilers or hot water supply boilers **AND PRESSURE**