

Item	<u>Total</u>
39. For group insurance	\$38,500 00
Total amount of appropriations	\$4,695,263 48
Less estimated amount available for reduction of county tax	988,848 59
And the county commissioners of Plymouth County are hereby authorized to levy as the county tax of said county for the current year, in the manner provided by law, the sum of	\$3,706,414 89

SECTION 2. This act shall take effect upon its passage.
Approved August 11, 1970.

Chap. 647. AN ACT RELATIVE TO THE INSPECTION OF HOT WATER HEATING BOILERS AND THEIR APPURTENANCES BY THE DIVISION OF INSPECTION OF THE DEPARTMENT OF PUBLIC SAFETY, AND BY COMPANIES AUTHORIZED TO INSURE OR REINSURE PRESSURE VESSELS IN THE COMMONWEALTH, AND RELATIVE TO THE FEES THEREFOR.

Be it enacted, etc., as follows:

Chapter 146 of the General Laws is hereby amended by adding after section 69 the following eleven sections: —

Section 70. All hot water heating boilers, except boilers specified in section seven, when used for space heating or as a heat storage source when the primary fluid circulates only within the code containment vessel or for process heating, and their appurtenances, that come within the scope of the current section one, four or eight of the American Society of Mechanical Engineers, Boiler and Pressure Vessel Code, hereinafter referred to as the ASME Code, shall be thoroughly inspected internally when construction permits at least once every three years and externally at least once a year.

Changes in the rules which affect the construction of new boilers shall take effect six months after their filing, in the same manner prescribed for steam boilers in section two. The board may, upon request, permit the application of such changes in rules to boilers manufactured or installed during said six months. When a person or a corporation desires to manufacture a special type of boiler, the design of which is not covered by the rules formulated by the board or by the current section one, four or eight of the ASME Code, specifications and drawings shall be submitted through the chief of inspections to the board which, if it approves, shall permit the construction thereof.

The first inspection for the installation of a boiler covered by this section may be made by either a district engineering inspector of the division or by an authorized insurance inspector. The first part of the inspection on steel field erected boilers shall be completed before the system is filled with the fluid to be heated.

Section 71. No person shall operate or cause to be operated any boiler required by section seventy to be inspected until it has been inspected, nor shall the boiler be operated at pressures or temperatures in excess of the safe working pressure or temperature as ascertained by the ASME Code, section one, four or eight and the rules of the board, nor

unless the boiler is equipped with such safety appliances as are prescribed by the board and the ASME Code, section one, four or eight delineating such appliances.

When the inspection of a boiler or boilers covered by section seventy is completed and the inspector finds the boiler to be in safe working order, with the fittings necessary to safety, and properly set up, and the boiler or boilers and their appurtenances conform to the rules of the board and the ASME Code, section one, four or eight, he shall issue to the owner or user thereof a certificate of inspection. The certificate shall state the maximum pressure at which the boiler may be operated, and thereupon the owner or user of the boiler may operate the boiler as stated in the certificate. If the inspector finds otherwise he shall withhold his certificate until the boiler and its appurtenances are put in a condition to insure safety of operation, and the boiler conforms to the rules of the board and the ASME Code, section one, four or eight. The owner of such boiler shall not operate nor cause to be operated such boiler until a certificate has been issued.

Every boiler covered by section seventy shall be identified by a number. The number shall be an ASME or National Board of Pressure Vessels Inspectors number either stamped upon the boiler or by attaching a numbered metal tag, by a seal or otherwise, to the boiler or its fittings. No person except district engineering inspector of the division shall deface or remove any such number or tag.

The owner or user of a boiler covered by section seventy and inspected by the division shall pay to the commissioner twenty dollars for each internal inspection and ten dollars for each external inspection. During the year that the internal inspection is due, no fee shall be charged for an external inspection performed at the time of the internal inspection. The commissioner shall pay to the commonwealth all sums so received.

Section 72. If, in the judgment of the inspector of the division or of the insurance company, it is advisable to apply a hydrostatic test to a boiler, the owner or user shall prepare the boiler for such test, as directed by the inspector of the division or of the insurance company in accordance with the appropriate code.

Section 73. The inspection of hot water heating boilers and their appurtenances may be made by inspectors of insurance companies authorized to insure boilers in the commonwealth; or, in the case of shop inspections in a boiler shop outside of the commonwealth, by such other inspectors employed by authorized insurance companies holding a national board of boiler and pressure vessel inspectors commission as are approved by the chief of inspections.

Section 74. No person shall remove or tamper with any safety appliance prescribed by the board or by the ASME Code, section one, four or eight. The safety relief valve shall not be loaded to a greater pressure than that allowed by the certificate of inspection for the boiler.

Section 75. Every insurance company authorized to insure or to reinsure boilers in the commonwealth shall have in its employ at least one inspector who holds a certificate of competency under section sixty-two and resides in the commonwealth. When an inspector holding such a certificate ceases to be employed by an insurance company, the company shall notify the commissioner giving the reasons therefor.

Section 76. No person shall act as an inspector of boilers for an insurance company unless he holds a certificate of competency under

section sixty-two. If any insurance company issues a certificate of inspection signed by an inspector who does not hold a certificate of competency, the commissioner may, if it is a domestic company, proceed against it under section six of chapter one hundred and seventy-five or may, if it is a foreign company, revoke or suspend its license under section five of said chapter.

Section 77. The inspectors of the division shall make reports of all inspections and shall make such recommendations to the chief of inspections as they may deem expedient. Every insurance company shall forward to the chief of inspections, within fourteen days after each inspection, reports of all boilers inspected by it. Such reports shall be made on blanks approved by the chief and shall contain all orders made by the company regarding such boilers. Every insurance company shall report immediately to the chief of inspections the name of the owner or user and the location of every boiler required by section seventy to be inspected, upon which they have cancelled or refused insurance, giving the reasons therefor.

Section 78. The owner or user of a boiler required by section seventy to be inspected shall prepare the boiler for inspection as directed by the inspector. The inspector shall, if requested, give the owner or user at least fourteen days notice to prepare a boiler for inspection; provided, that no notice shall be required of an external inspection, nor if the boiler is being installed or has not been inspected within one year and a certificate of inspection issued. If, in the judgment of an inspector of the division, any such boiler or its appurtenances is in a defective or dangerous condition, he may immediately forbid the operation of the boiler, whether or not it is under the inspection of an insurance company; and no person shall again operate such boiler nor cause it to be operated until a certificate of inspection has been issued by an inspector of the division. The owner or user of any boiler required by section seventy to be inspected shall immediately notify the division of inspection or the insurance company, if a boiler is insured, if a defect affecting the safety of the boiler is discovered. If the insurance on any boiler required by section seventy to be inspected expires, or is cancelled because the insurers deemed it unsafe to continue the operation thereof, the owner or user shall cease to operate it until it has been put in a safe condition, satisfactory to the insurers, or has been inspected by the division and a certificate of inspection has been issued.

Section 79. The certificate of inspection issued by the division, or by an insurance company for a boiler as required by section seventy, shall state the name of the owner and that of the user if they differ, the location, the number of the boiler, the date of the inspection and the maximum pressure at which it may be operated, and the signature of the inspector who made the inspection, and shall contain such extracts from the statutes as shall be deemed necessary by the board. It shall be so placed in the boiler room and protected from being soiled as to be easily read.

Section 80. Whoever violates any provision of sections seventy to seventy-nine, inclusive, or of the rules of the board, or that of the code which is appropriate to a boiler under the jurisdiction of the above sections, shall be punished by a fine of not more than five hundred dollars, nor by less than fifty dollars, or by imprisonment for not more than six months, or both.

Approved August 11, 1970.