

MAINE STATE LEGISLATURE

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ONE HUNDRED AND FIRST LEGISLATURE

Legislative Document

No. 1209

H. P. 822

House of Representatives, February 7, 1963

Referred to Committee on Legal Affairs. Sent up for concurrence and ordered printed.

HARVEY R. PEASE, Clerk

Presented by Mr. Curtis of Bowdoinham.

STATE OF MAINE

IN THE YEAR OF OUR LORD NINETEEN HUNDRED
SIXTY-THREE

AN ACT Revising Laws Relating to Boilers and Unfired Steam Pressure Vessels.

Be it enacted by the People of the State of Maine, as follows:

Sec. 1. R. S., c. 30, § 64, amended. The 4th sentence of section 64 of chapter 30 of the Revised Statutes is amended to read as follows:

'Of these said 4 appointed members, one shall be a representative of the owners and users of ~~steam~~ boilers within this State, one a representative of the boiler manufacturers within this State, one a representative of the operating steam engineers in this State and one a representative of ~~a the boiler inspection and insurance company companies~~ licensed to ~~do business within the State~~ insure boilers within this State against loss from boiler explosion.'

Sec. 2. R. S., c. 30, § 66, repealed and replaced. Section 66 of chapter 30 of the Revised Statutes, as amended by section 1 of chapter 404 of the public laws of 1955, is repealed and the following enacted in place thereof:

'**Sec. 66.** Definitions as used in sections 64 to 88, the following terms or words shall have meanings, as follows:

I. Board. "Board" shall mean the Board of Boiler Rules as established by section 64.

II. Chief inspector. "Chief inspector" shall mean the chief inspector of boilers, appointed under section 68.

III. Commissioner. "Commissioner" shall mean the Commissioner of Labor and Industry of this State.

IV. Department. "Department" shall mean the Department of Labor and Industry of this State.

V. Deputy inspector. "Deputy inspector" shall mean a person in the employ of the State, appointed under section 68.

VI. Miniature boiler. "Miniature boiler" shall mean a boiler so defined by the Board of Boiler Rules.

VII. Schoolhouse. "Schoolhouse" shall mean, but shall not be limited to, any structure used in whole or in part by a school or college, public or private, for the purpose of housing one or more classrooms, gymnasiums, auditoriums or dormitories.

VIII. Special inspector. "Special inspector" shall mean a person authorized by the commissioner to inspect boilers within this State and who shall be in employ of an insurance company licensed to insure boilers within this State against loss from boiler explosion.

IX. State inspector. "State inspector" shall mean a person in the employ of the State, appointed under section 68.'

Sec. 3. R. S., c. 30, § 67, amended. Section 67 of chapter 30 of the Revised Statutes is amended to read as follows:

'Sec. 67. Rules and regulations. The board shall formulate and adopt rules to provide for the safe safety, and proper construction, installation, inspection, repair, use and operation of steam boilers, hot water heating boilers, and hot water supply boilers, used or proposed to be used, in this State, including such appliances and appurtenances as are necessary for the safety thereof. The rules so formulated adopted shall conform as nearly as practicable practical to the boiler code of the American Society of Mechanical Engineers and amendments and interpretations thereto made and approved by the council of the society established engineering standards, formulae and practices which are generally accepted nationwide for the construction and safety of boilers.

Rules formulated by the board shall become effective 90 days after the date they are adopted, ~~Any except that, any~~ change in the rules which would, in effect, raise the standards governing the methods of construction of new steam boilers or the quality of material used in them shall not become effective until permissive immediately and shall become mandatory 6 months after the date of adoption of such change in the rules; ~~provided, however, that before.~~ Before any rules or regulations are adopted, amended or repealed, a public hearing shall be held, after suitable notification ~~to be~~ has been published in at least 3 newspapers throughout in the State.'

Sec. 4. R. S., c. 30, § 69, amended. Section 69 of chapter 30 of the Revised Statutes is amended to read as follows:

'Sec. 69. Powers of the Chief Inspector of Boilers. The Chief Inspector of Boilers is empowered:

I. Free access to premises. To have free access for himself and his deputy or deputies, during reasonable hours, to any premises in the State where a steam boiler is built or where a steam boiler or power boiler plant apparatus is located or is being built, installed, repaired or operated, for the purpose of ascertaining whether such boiler or boiler plant apparatus is, or is being built,

installed, repaired ~~and~~ or operated in accordance with ~~the provisions of~~ sections 64 to ~~79~~ 84 or to investigate any accident involving a boiler or boiler plant apparatus.

II. Inspection certificates. To issue, suspend and revoke inspection certificates allowing ~~steam~~ boilers to be operated, as provided in sections 64 to ~~79~~ 84.

III. Enforce laws and rules. To enforce laws of the State governing ~~the use of steam~~ boilers and to enforce the rules ~~of~~ adopted by the Board of Boiler Rules, and to oversee the work of boiler inspectors.

IV. Records. To keep a complete record of the type, dimensions, age, reported conditions, maximum pressure allowed upon, location and ~~date~~ dates of last inspection ~~of~~ for all boilers to which sections 64 to ~~79~~ 84 apply.

V. Copies of rules. To publish and distribute among boiler manufacturers and others requesting them, copies of the rules adopted by the board and to distribute copies thereof to boiler manufacturers and others who may request such copies.

VI. Examinations and certificates of authorization. To hold examinations provided for in section 71, and upon authorization by the commissioner, issue certificates of ~~competency~~ authorization to inspectors who have successfully passed such examinations.

Sec. 5. R. S., c. 30, § 70, amended. Section 70 of chapter 30 of the Revised Statutes is amended to read as follows:

Sec. 70. Special inspectors; duties. In addition to any deputy boiler inspectors authorized and appointed under ~~the provisions of~~ section 68, the commissioner shall, upon the request of any company authorized to insure boilers within this State against loss from explosion of steam boilers in this state, issue to the boiler inspectors in the employ of such company, certificates of authority as special inspectors, provided that each such inspector before receiving his certificate of authority shall ~~pass~~ have passed satisfactorily the examination provided for in section 71, or, in lieu of such examination, said inspector shall hold a certificate as an inspector of steam boilers for a state that has a standard of examination equal to that of this State, or he shall hold a certificate ~~commission~~ from the National Board of Boiler and Pressure Vessel Inspectors as an inspector of steam boilers. Such special inspectors shall receive no salary from, nor shall any of their expenses be paid by, the State. ~~and the~~ The continuance of the authority of a special inspector's certificate shall be conditioned upon his continuing in the employ of a boiler inspection and the insurance company, duly authorized as aforesaid, which requested the issuance of his certificate of authority, and upon his maintenance of the standards imposed by ~~the provisions of~~ sections 64 to ~~79~~ 84. Such special inspectors shall inspect all steam boilers insured by their respective companies, to which the provisions of sections 64 to 84 apply, and the owners or users of such insured and inspected boilers shall be exempt from the payment of the inspection fees provided for in section 76. Each company employing such special inspectors shall within 30 days following

each annual internal inspection made by such inspectors, file a report of such inspection with the chief inspector.'

Sec. 6. R. S., c. 30, § 71, amended. The 2nd paragraph of section 71 of chapter 30 of the Revised Statutes, as enacted by section 2 of chapter 272 of the public laws of 1957, is amended to read as follows:

'The fee for issuing a certificate of authority as special inspector shall be \$10 when such certificate is granted under ~~the provisions of~~ section 70, to a person who holds a certificate as an inspector of steam boilers for a state that has a standard of examination equal to that of this State or a ~~certificate commission~~ from the National Board of Boiler and Pressure Vessel Inspectors, **as an inspector of steam boilers**, and whose examination has been waived in accordance with ~~the provisions of~~ section 70.'

Sec. 7. R. S., c. 30, § 72, amended. Section 72 of chapter 30 of the Revised Statutes, as amended by section 2 of chapter 404 of the public laws of 1955, is further amended to read as follows:

Sec. 72. Inspection of boilers; certificates issued. Each steam boiler, ~~used or proposed to be used within this State and all hot water supply and hot water heating boilers located in schoolhouses, and all boilers owned by municipalities, except boilers exempt under the provisions of section 78~~ hot water supply boiler, and hot water heating boiler, used or proposed to be used within this State, ~~except such boilers exempt by section 78,~~ shall be thoroughly inspected while ~~not under pressure~~ by the chief inspector, or by ~~one of the a deputy inspectors inspector,~~ or by a special ~~inspectors provided for herein~~ inspector, as to its design, construction, installation, condition and operation.

~~Each~~ Before an inspection certificate may be issued for any steel boiler or any boiler not constructed of cast material, such boilers shall be inspected internally and externally; ~~and at all normally accessible surfaces of cast iron boilers shall be cleaned for inspection but need not be dismantled unless in the opinion of the inspector it is necessary while not under pressure, except that, inspection certificates may be issued as provided for such boilers when they are used for hot water space heating purposes.~~

Before an inspection certificate may be issued for any cast iron boiler or any boiler constructed of cast material, such boilers shall be inspected at all accessible external surfaces while completely filled with water, and shall be internally inspected when in the opinion of the inspector an internal inspection is necessary to determine the safety of such a boiler.

Before an inspection certificate may be issued for any steel boiler, or any boiler not constructed of cast material, when used for hot water space heating purposes, such boilers shall be inspected at all accessible internal and external surfaces, while not under pressure, by a state inspector, or by a special inspector in the employ of an insurance company which insures the boiler. Thereafter, when, in the opinion of the inspector, more frequent internal inspections of any such boiler are not necessary because of essential and favorable conditions, and at the request of the inspector, the chief inspector may permit such boiler to be internally inspected as aforesaid at intervals of not more than 36 consecutive

months by the same inspecting agency, in which case, during the interim between internal inspections, such boilers shall be inspected at all accessible external surfaces while under water pressure from their respective heating systems, at the same frequency as provided in this section for boilers constructed of cast iron, and inspection certificates shall be issued for such boilers during the aforesaid interim period under the same conditions as provided in this section for boilers constructed of cast iron.

~~If it shall be~~ All inspections prescribed shall be known as certificate inspections, and when any boiler so inspected is found to be suitable and to conform to the rules ~~of adopted~~ by the Board of Boiler Rules, upon payment ~~by the owner or user of such a boiler~~ of the sum of \$2 to the ~~chief inspector, the latter shall issue to such department~~ by the owner or user of such boiler, the chief inspector shall issue to said owner or user an inspection certificate for each such boiler. ~~Inspection certificate~~ Each inspection certificate shall specify the maximum pressure that the boiler ~~inspected for which it is issued~~ may be allowed to carry ~~Such inspection certificate~~ and shall be valid for not more than 14 months from ~~its the date and it of the certificate inspection of said boiler shall be posted under glass in the engine or boiler room containing such boiler or an engine operated by it, or, in the case of portable boiler, in the office of the plant where it is located for the time being.~~

Not more than 14 months shall elapse between successive certificate inspections of each boiler and there shall be at least 4 such inspections of each boiler every 37 consecutive months. In addition, each boiler, except miniature boilers, shall be inspected externally not more than 6 months after each certificate inspection thereof, while under pressure or in service, except that, boilers which are seasonally operated less than 3 months in each calendar year and those which are maintained as stand-by boilers may be inspected externally, as aforementioned, while not under pressure or in service.

Inspection certificates shall be posted under glass in the boiler room containing the boiler for which they were issued or in the engine room of any engine which is supplied steam from such boiler, except that, inspection certificates for portable boilers shall be kept in a readily opened container on such boiler or on the vehicle on which such boiler is mounted, whenever any pressure is carried in such a boiler. The operation of any boiler to which sections 64 to 84 apply, without a valid inspection certificate displayed as required, shall constitute a misdemeanor on the part of the user of such boiler and he shall be fined \$10 for each such offense.

The chief inspector or any deputy inspector may at anytime suspend an inspection certificate when, in his opinion, the boiler for which it was issued may not continue to be operated without menace to the public safety or ~~when the boiler is found not to comply with conform to the rules herein provided for adopted by the Board of Boiler Rules~~, and a special inspector shall have corresponding powers with respect to inspection certificates for boilers insured by the company employing him. ~~Such~~ The suspension of an inspection certificate shall continue in effect until ~~said the boiler for which the suspended inspection certificate was issued~~ shall have been made to conform to the rules of the board and until said inspection certificate shall have been reinstated by a state inspector if the inspec-

tion certificate was suspended by a state inspector, or by a special inspector ~~or a state inspector if the inspection certificate was suspended by a special inspector.~~ ~~Not more than 14 months shall elapse between such inspections and there shall be at least 4 such inspections in 37 consecutive months. Each such boiler, except miniatures, shall also be inspected externally while under pressure with at least the same frequency and at no greater intervals.~~

Sec. 8. R. S., c. 30, § 73, amended. Section 73 of chapter 30 of the Revised Statutes, as amended by section 3 of chapter 272 of the public laws of 1957, is further amended to read as follows:

'Sec. 73. Temporary inspection certificates. Whenever it shall appear to the commissioner that an emergency affecting public safety and welfare exists, the commissioner may authorize the chief inspector to issue a temporary inspection certificate to be effective for a period not exceeding 6 months after an inspection certificate which was issued in accordance with section 72 shall have expired. A temporary inspection certificate may be issued without ~~an internal inspection~~ a boiler being ~~made internally inspected,~~ provided the boiler is inspected externally by a state inspector or by a special inspector, while under pressure, and a report of such inspection is filed with the department. If the boiler is insured, the temporary inspection certificate shall not be issued ~~until~~ unless recommended in writing by ~~the authorized~~ a special inspector ~~or employed by the company insuring the boiler and by the chief inspector or one of his deputies, or, by a deputy inspector.~~ ~~If the boiler is not insured, the temporary inspection certificate shall be recommended in writing by at least 2 authorized state inspectors, the chief inspector and by a deputy inspector.~~ The provisions ~~as to~~ of section 72 concerning the posting of the inspection ~~certificate certificates~~ shall apply to ~~the temporary inspection certificate certificates.~~

The owner or user of each boiler for which temporary inspection certificates are requested shall pay the department a fee of \$2 for each such certificate, and all sums so received shall be deposited with the Treasurer of State to be credited to the General Fund.'

Sec. 9. R. S., c. 30, § 74, amended. Section 74 of Chapter 30 of the Revised Statutes, as amended by section 4 of chapter 272 of the public laws of 1957, is further amended to read as follows:

'Sec. 74. Inspection certificate. It shall be unlawful for any person, firm, partnership or corporation to operate ~~under pressure~~ in this State ~~a steam any boiler to which sections 64 to 84 apply, without a valid inspection certificate as provided for in said sections 72 and 73.~~ ~~The and the operation of a steam any such boiler without such an inspection certificate shall constitute a misdemeanor on the part of the owner or user thereof and be punishable by a fine of not more than \$100 or by imprisonment for not more than 30 days, or by both.'~~

Sec. 10. R. S., c. 30, § 75, amended. Section 75 of chapter 30 of the Revised Statutes is amended to read as follows:

'Sec. 75. New boilers. ~~No new steam boiler which does not conform to the rules formulated by the board of boiler rules governing new installations shall be installed in this state.~~ All new boilers to which sections 64 to 84 apply, ex-

cept boilers exempt by section 78, when installed for operation in this State, shall conform to the rules governing new installations of such boilers, as adopted by the Board of Boiler Rules.

All new boilers to be installed, **except boilers constructed of cast iron or other cast material, shall be have been shop-inspected during their construction and after their completion,** by an inspector duly authorized to inspect boilers in this state, or, ~~if constructed outside the state, by an inspector holding a certificate of authority from the chief inspector of this state or~~ by an inspector who holds a ~~certificate of inspection valid commission~~ issued by the National Board of Boiler and Pressure Vessel Inspectors **authorizing him to make shop inspections of boilers.**

Sec. 11. R. S., c. 30, § 76, amended. Section 76 of chapter 30 of the Revised Statutes is amended to read as follows:

'Sec. 76. Inspection charge. The owner or user of a ~~steam~~ boiler, required by the provisions of sections 64 to ~~79~~ 84 to be inspected by the chief a state inspector, or his deputy inspectors shall pay the inspector upon inspection \$10. ~~For the internal and external a fee, or fees, to be determined, as follows: For the certificate inspection of a steel boiler or any boiler not constructed of cast material, except miniature boilers. while not under pressure having a grate area of more than 10 square feet or equivalent, the fee shall be \$10 and, in addition, 10 cents for every square foot of grate area in excess of 10 square feet or equivalent the fee shall be \$12 for boilers having 250 square feet of water heating surface or less; the fee shall be \$15 for boilers having a water heating surface over 250 square feet but not exceeding 500 square feet; the fee shall be \$15 plus 10 cents for each 100 square feet of water heating surface over 500 square feet for boilers having a water heating surface in excess of 500 square feet, except that said fee for such boilers shall not exceed \$20. In cases of a specially designed boiler boilers wherein no grate area exists there is no water heating surface in contact with the primary products of fuel combustion, such as electrically heated boilers, waste heat boilers, nuclear and other unfired boilers, the board is authorized to set the fee on the basis of for the certificate inspection of such boilers, based on the maximum horsepower that can be generated. For the external inspection of a boiler while under operation conditions, the fee shall be \$3. For a certificate inspection of a boiler constructed of cast iron or other cast materials, the fee shall be \$10. For a certificate inspection made in the interim between internal inspections of steel boilers and boilers not constructed of cast material, which are used for hot water space heating purposes, as provided for in section 72, the fee shall be \$10. For the a certificate inspection of a miniature boiler, the fee shall be \$3 \$4. The types and size of miniature boilers to be inspected shall be determined by the Board of Boiler Rules. For an external inspection of a boiler, in accordance with section 72, the fee shall be \$4. For a hydrostatic test of any boiler except miniature boilers, a the fee of \$5 shall be \$10, except that the fee for a hydrostatic test of a miniature boiler shall be \$3. Said fees for hydrostatic tests shall be charged in addition to the any inspection fees heretofore provided for, provided that not Not more than \$20 \$24 shall be collected for such inspection in any 12 consecutive months for inspections of any one boiler made for any one year exclusive of the fee afore-~~

said fees for hydrostatic test tests, unless additional inspections inspection are is required of a boiler by the its owners owner or users user, of the same or unless the a boiler has been inspected and a its inspection certificate has been refused, withheld or withdrawn, or unless an additional inspection is required because of the a change of location of a stationary boiler.

The type and size of the miniature boiler to be inspected shall be determined by the board of boiler rules. The A state inspector shall give receipts for said all fees paid to him and shall pay all sums so received to the Chief boiler Inspector of Boilers, who shall pay the same to the commissioner, who shall turn same such sums over to the Treasurer of State to be credited to the General Fund.'

Sec. 12. R. S., c. 30, § 78, amended. Section 78 of chapter 30 of the Revised Statutes, as amended by section 6 of chapter 272 of the public laws of 1957, is further amended to read as follows :

'Sec. 78. Exemptions. The provisions of sections Sections 64 to 84 shall not apply to boilers which are under Federal control; or those to boilers under the control of the Public Utilities Commission; or to boilers used solely for propelling motor road vehicles; or to boilers of steam fire engines brought into the State for temporary use in times of emergency to check conflagrations; or to boilers used for agricultural purposes only; or to miniature boilers exempt by section 76; or to steam heating boilers, except boilers located in schoolhouses or boilers owned by municipalities, which carry pressures not exceeding 15 pounds per square inch, constructed and installed in accordance with the rules adopted by the board of boiler rules or to boilers located in private residences and dwellings of less than 6 apartments and installed in accordance with the rules adopted by the Board of Boiler Rules, as follows: Steam boilers carrying steam or vapor pressures not in excess of 15 pounds per square inch, hot water supply boilers, and hot water heating boilers or to miniature boilers exempt by the provisions of section 76.'

Sec. 13. R. S., c. 30, § 81, amended. Section 81 of chapter 39 of the Revised Statutes is amended to read as follows :

'Sec. 81. Insurance company reports and notices. In case a boiler is insured and inspected by a duly accredited insurance company licensed to do business insure boilers in this State against loss from explosion, and said boiler is inspected by an authorized inspector in their employ, a copy of the record of an inspection report signed by the inspector who performs each internal inspection required of such said boiler by section 72, shall be filed with the department by said insurance company within 30 days following each such inspection.

In case an insurance company cancels insurance upon any steam boiler carrying over 15 pounds gauge pressure or the policy expires and is not renewed, notice shall immediately be given the department. Any insurance company shall likewise notify said department immediately upon the placing of insurance on such boiler

Each insurance company shall give written notice to the department within 30 days of their placement of insurance upon or of the termination of their insurance on any boiler to which sections 64 to 84 apply, except that, when an insurance

company cancels its insurance on any such boiler, said company shall notify the department in writing, not more than 10 days after their cancellation of their insurance on said boiler, giving the date of cancellation and their reason therefor.

Each insurance company shall give written notice to the department not more than 30 days after the due date of inspection, stating the reason why any boiler, to which sections 64 to 84 apply, which they insure, was not inspected, or cannot be inspected, in accordance with section 72.

Each insurance company which fails to conform to any one of the requirements of this section shall forfeit its privilege to have its inspectors serve as authorized inspectors of boilers in this State for a period of one year. Such forfeiture shall immediately be effective upon receipt by the insurance company of a written order by the commissioner stipulating such nonconformance, and any appeal therefrom shall be to the Board of Boiler Rules within 15 days of the receipt of such order by the insurance company, and the board shall have authority to rescind or affirm said order, and its decision shall be final.

All boilers to which sections 64 to 84 apply, except those exempt by section 78, which are insured by an insurance company whose privilege to have its inspectors serve as authorized inspectors of boilers in this State is forfeited as provided, shall be inspected by the chief inspector or by a deputy inspector whenever such boilers become due for inspection, and the owners or users thereof shall pay the State inspector the applicable fee or fees prescribed in section 76 for such inspections. All sums so received shall be deposited with the Treasurer of State to be credited to the General Fund in the same manner as provided for in section 76.

Sec. 14. R. S., c. 30, § 82, amended. Section 82 of chapter 30 of the Revised Statutes is amended to read as follows:

'Sec. 82. **Condemned boilers and vessels stamped.** Every ~~steam~~ steel boiler, and every boiler not constructed of cast material, ~~or~~ and every unfired steam pressure vessel condemned in this State shall be stamped in the following manner, "XXXME" with letters or characters at least 3/8 of an inch high reading "XXXME", and the department shall immediately be notified in writing of such condemnation by the inspector who orders said condemnation.

The stamp "XXXME" stamping "XXXME" placed on condemned boilers shall be made ~~across~~ immediately above or below the registration mark or number of the boiler, or, if the boiler has no registration mark or number, ~~a stamp~~ the stamping "XXXME" shall be placed in the designated location of this for the registration mark or number as determined by the rules of the American Society of Mechanical Engineers Boiler Code adopted by the Board of Boiler Rules of this State. Said stamping shall be done in individual letters or characters, driven into the plate so far as to preclude any removal of such stamping without leaving evidence of such removal.

The stamping shall be done with individual letters, driven into the plate so far as to thoroughly cancel any previous registration and shall be made with letters at least 3/8 of an inch high.

Any person who obliterates such condemnation mark or stamping shall be punished by a fine of not less than \$100.

~~The laws and regulations of the American Society of Mechanical Engineers boiler code shall be used in all mathematical computations necessary to determine the safety of a boiler.~~

Rules and formulae used in all mathematical computations necessary to determine the safety of any boiler to which sections 64 to 84 apply, shall be in accordance with the engineering standards governing boilers, which shall have been adopted by the Board of Boiler Rules of this State.'

Sec. 15. R. S., c. 30, § 83, amended. The first paragraph of section 83 of chapter 30 of the Revised Statutes, as amended by section 3 of chapter 404 of the public laws of 1955, and by section 7 of chapter 272 of the public laws of 1957, is further amended to read as follows:

~~'No Any steam boiler or unfired steam pressure vessel that has been condemned for further use at pressures in excess of 15 pounds per square inch gage, in this State or any other state elsewhere by an authorized boiler inspector employed by an insurance company, or by an inspector authorized to inspect boilers by a this or any other state or the Federal Government or by any other duly constituted governmental authority, shall not be operated in this state at a gauge any pressure of over 15 pounds per square inch gage. Each Any steam boiler or unfired steam pressure vessel located in a schoolhouse or owned by a municipality which has been allowed to carry pressures not exceeding 15 pounds per square inch gage and any hot water supply boiler and any hot water heating boiler, to which sections 64 to 84 apply, if condemned as aforesaid, shall not be operated.'~~

Sec. 16. R. S., c. 30, § 84, amended. Section 84 of chapter 30 of the Revised Statutes is amended to read as follows:

~~'Sec. 84. Welding on boilers; certificates for welders. No journeyman welder performing welding work for hire person shall make welding any welded repairs repair or alteration to any steam vessel boiler which carries a is allowed to carry steam pressure pressures of more than 15 pounds per square inch or repair, alter or install, by welding, any piping of such boilers to which the rules adopted by the Board of Boiler Rules apply, without first receiving authorization to do so from the chief Boiler inspector, provided except that the foregoing provision such authorization shall not apply to persons be required of any person who hold certificates or standing authorization from the Board of Boiler Rules holds a valid welder's certificate of authority as hereinafter provided for, and who shall, before starting the work of welding, ascertains that each intended welded repair, alteration or installation, as hereinbefore provided for, shall have been sanctioned by a state inspector or by a special inspector.'~~

Any person who violates any of the provisions of this section shall be punished by a fine of not more than \$100.

The Board of Boiler Rules is authorized to make, amend or rescind reasonable rules and regulations relating to ~~qualifications of journeymen~~ the qualifica-

tion and certification of welders performing welding for compensation and who may be permitted to make welded repairs, alterations and installations of boilers and the piping thereof as provided for in this section.

The commissioner is further empowered to conduct, or cause to be conducted, welder's examinations, and to issue, or cause to be issued, welder's certificates of authority, and to charge a establish reasonable fee fees for such examinations conducted, and for issuance and renewal of such certificates, and said fees shall be payable to the department and credited to the General Fund in the same manner as provided for in section 76 for inspection fees.

Any person violating the provisions of this section may be punished by a fine of not more than \$100.

Welder's certificates shall be renewable annually and be valid for 12 months from date of issue, or renewal, unless revoked for incompetence, untrustworthiness, willful falsification, or for making welded repairs, alterations or installations of boilers or the piping thereof, to which the rules adopted by the Board of Boiler Rules apply, which were not sanctioned as provided for. Appeals from such revocation shall be made within 30 days to the Board of Boiler Rules which is empowered to affirm or rescind the revocation and the decision of said board shall be final.