

**CLASS TITLE:**

**CHIEF BOILER AND  
PRESSURE VESSEL INSPECTOR**

**Class Code: 02754500**

**Pay Grade: 30A**

**EO: C**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To plan, organize, supervise and review the work of a staff engaged in inspecting boilers and pressure vessels for conformance to the safety codes, regulations, standards and laws and in investigating any accidents to determine their cause; and to do related work as required.

**SUPERVISION RECEIVED:** Works under the general supervision of a superior with latitude for the exercise of independent judgement; work is reviewed upon completion for conformance to laws, regulations, standards, codes and policies.

**SUPERVISION EXERCISED:** Plans, organizes, supervises and reviews the work of technical personnel engaged in the inspection of boilers.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To schedule, assign and review the work of technicians performing initial, annual and periodic inspections of boilers, pressure vessels and related machinery in order to determine if there is compliance to all appropriate safety codes, regulations, standards and laws.

To be responsible for a thorough investigation of all boiler accidents to determine their cause and to identify unsafe conditions.

To provide ongoing training for inspectors in the methods and techniques of inspecting boilers and technical assistance in regard to complex problems, equipment and inspections.

To act as liaison and representative of the jurisdictional authority with professional societies and insurance companies licensed to write boiler and machinery insurance within the state.

To review all reports submitted by authorized insurance company inspectors and determine if additional action is necessary.

To conduct quality control reviews of code shops within the state which manufacture unfired pressure vessels.

To certify unfired pressure vessels that comply with national safety standards in order to allow their sale out of state.

To act as an inspection member on quality assurance surveys and audits of shops holding nuclear certification.

To attend conferences to develop coordination between agencies and to promote technical and professional services.

To prepare various reports regarding boiler and pressure vessel inspections and regulations.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of and the ability to interpret safety statutes, regulations, codes and standards as they relate to the inspection of boilers, pressure vessels and related machinery; a thorough knowledge of and the ability to apply standard methods, principles, practices, and techniques of safety inspections of boilers, pressure vessels and related machinery; a working knowledge of the various components and their functions in boilers and pressure vessels; the ability to plan, organize, supervise and review the work of a staff engaged in the inspection of boilers,

pressure vessels and related equipment; the ability to prepare reports containing findings, conclusions and recommendations; the ability to establish and maintain effective working relationships with manufacturers, boiler owners, other safety officials and coworkers; the ability to understand the mathematical, mechanical and electrical principles in the design of boilers and related equipment; and related capacities and abilities.

**EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation from a senior high school or a vocational training school; and

Experience: Such as may have been gained through: employment as a skilled worker in the installation, maintenance or inspection of boilers, pressure vessels and related machinery.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

**SPECIAL REQUIREMENT:** At the time of appointment, must be certified by the National Board of Boilers and Unfired Pressure Vessels Inspectors as an inspector and supervisor of inspections and must maintain such certification as a condition of employment.

Class Revised: December 22, 1985

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