

TITLE OF GROUP OF CLASSES: INDUSTRIAL SAFETY TECHNICIAN

TITLE OF CLASSES IN GROUP:

Class Code:

(BOILER INSPECTION)

02754301

(ELEVATOR INSPECTION)

02754302

Pay Grade: 22A

EO: C

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To perform technical duties relative to the making of safety inspections, and the promotion of safety measures in the area of specialization indicated by the title in the class of position to determine and/or insure compliance with acceptable safety standards governed by state safety laws, regulations and state codes; and to do related work as required.

SUPERVISION RECEIVED: Works under the general supervision of a superior from whom assignments are received; considerable latitude is allowed for the exercise of independent judgement and initiative in the performance of duties; assignments are checked upon completion through submitted written reports and, at times, conferences.

SUPERVISION EXERCISED: May exercise close supervision over subordinates who are assigned to assist on various projects.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

In the area of specialization indicated by the title of the class of position:

To perform technical duties relative to the making of annual or periodic inspections of boilers, and when required, of their installation to determine compliance with pertinent state safety statutes, regulations, and the State Industrial Safety Industrial Codes; to make internal inspections of boilers involving hammer testing of braces, stays, tubes, shells and all other interior surfaces to detect scaling, pitting, corrosion and caustic embrittlement; to make external inspections of boilers by checking the exterior surfaces, shells, heads, furnace and tubes for signs of leaking, bulging, blistering and fire cracks; to check piping systems and other boiler accessories such as safety valves, blow-off valves, fusible plugs, water columns, gauge glasses and steam pressure gauges; to order repairs and replacement of defective parts and insure that such repairs and replacements have been accomplished by a return inspection visit within a reasonable time; to record findings of boiler inspections on reports which are filed.

To perform technical duties relative to the making of annual or periodic inspections of existing elevators, dumbwaiters, and escalators and those in the process of being installed or renovated, to determine compliance with pertinent state safety statutes, regulations, and the State Industrial Safety Codes; to inspect the elevator car and its related machinery such as; the driving machine and its control panel; associated gears; hoist-counter weight and governor cables and their fastenings; limit switches, and car doors; to inspect the machine room, hoist way and pit to determine unsafe conditions such as: greasy floors, broken windows; exposed current carrying wires; improper lighting, or the storage of inflammable materials; to order repairs and replacement of defective parts and insure that such repairs and replacements have accomplished by a return inspection visit within a reasonable time; to make reports of inspected machinery and authorize the issuance of annual certificates of operation required by state law; to investigate any accidents and make a formal written report of findings.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: In the area of specialization indicated in the title of the class of position: a thorough knowledge of and the ability to interpret state safety statues, regulations, and the State Safety Codes as they relate to the inspection of boilers or elevators; a working knowledge of the various components and their function of boilers or elevators; the ability to apply standard methods, principles, practices and techniques of safety inspections as they apply to the operation of elevators or boilers; the ability to establish and maintain good working relations with labor officials, labor groups, insurers and their personnel and contractors and their agents; the ability to prepare accurate and concise reports of findings along with recommendations; the ability to consult with employers, employees, contractors and their agents and make recommendations to assist them in eliminating safety hazards or embarking on accident prevention programs; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through graduation from a senior high school or vocational technical institute, including or supplemented by courses in mechanical drawing or mathematics as required in the area of specialization indicated by the title in the class of position; and

Experience: Such as may have been gained through: as required, in the area of specialization indicated by the title in the class of position; considerable employment as a skilled worker in the assembling, operation, or inspection of boilers; considerable employment as a skilled worker in the installation or inspection of elevators.

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

SPECIAL REQUIEMENT: Must possess a license as an authorized inspector of elevators, escalators and dumbwaiters as issued by the State of Rhode Island, Department of Labor at the time of appointment in the class of Industrial Safety Technician (Elevator Inspector). At the time of appointment, must be physically qualified to perform assigned duties as evidenced by a physician's certificate.

Class Revised: March 12, 1989

Editorial Review: March 15, 2003