

## MAINTENANCE MECHANIC - HEATING PLANT

GENERAL STATEMENT OF DUTIES: Performs a variety of mechanical repair work for a heating plant; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, performs a wide variety of maintenance or repair work in connection with the operation of a heating plant. The incumbent may work independently on assignments which are initiated by oral instructions and/or written work orders. Complex jobs, requiring working from blueprints or rough sketches, may require some technical supervision from engineering personnel. May oversee lower level workers in the performance of duties, as required.

### EXAMPLES OF WORK: (Illustrative Only)

Starts and maintains operation of oil burning or gas burning high and/or low pressure boilers and related boiler room equipment such as fans and pumps;

Takes instrument readings and maintains boiler room log of operating conditions, fuel consumption, temperatures, water consumption, boiler operating efficiencies and blowers;

Lubricates all moving parts of boiler room machinery;

Supervises and assists with the cleaning of boilers;

Repairs, cleans and maintains air filters and fans;

Makes emergency repairs to equipment, as required;

Regulates fuel for efficient consumption;

Performs miscellaneous maintenance and repairs **while servicing the equipment**;

May use computer application software in the performance of the job

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of operating, maintenance and repair techniques necessary for the efficient operation of high and/or low pressure boilers and auxiliary equipment; thorough knowledge of accident and safety precautions of the trade; good knowledge of electrical and steam fitting work; ability to read and understand wiring diagrams and symbols related to boilers and boiler control circuits; ability to act quickly and efficiently in the event of a mechanical failure; ability to follow oral and written instructions; **ability** to use computer application software; physical strength and agility; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) high school graduation or possession of a high school equivalency diploma and four years experience as an oiler, steamfitter, steam fireman, or electrician, two of which must have been concerned with the operation of high and/or low pressure steam boilers fueled with oil or gas; or (b) completion of a pertinent high school level vocational program and three years of experience as indicated under (a); or (c) completion of a two year post high school or trade school in the trade and two years experience as indicated under (a); or (d) a satisfactory equivalent combination of the foregoing training and experience.