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Class Specifications
for the Class:

STEAM PLANT OPERATOR-REPAIRER

Distinguishing Characteristics:

In addition to operating high pressure boilers and boiler heaters in a safe manner, this class is distinguished by its responsibility for independently planning, scheduling and accomplishing the regular and emergency maintenance and repair of a number of high pressure power boilers, heaters and auxiliary boiler room equipment and maintaining operational records on an assigned shift.

Work is performed in a setting where immediate supervision is not available and where corrective actions are initiated and completed by an incumbent of a position in this class.

Examples of Duties: *(Positions may not be assigned all of the duties listed, nor do the examples necessarily include all of the duties that may be assigned. The omission of specific statements does not preclude the assignment of such duties if they are a logical assignment for the position. The classification of a position should not be based solely on the examples of duties performed.)*

Plans, schedules and performs routine maintenance and repair on high pressure boilers, heaters and auxiliary equipment; performs emergency repair services; determines the nature of repair work required; requisitions replacement parts or equipment; repairs and replaces steam, gas and water lines, valves, electric motors and fans; replaces timing mechanisms, mercury switches, emergency safety release valves, gaskets, regulators, fuses, temperature and pressure gauges, and transformers; cleans boiler tubes, burner nozzles, electrodes and fuel and water strainers to insure proper operations; overhauls water pumps, valves and regulators; checks for gas leaks; lubricates motors and pumps; checks each operating boiler regularly for water level, steam pressure, water temperature, condition of flame and draft, and the general condition of boilers and auxiliaries, and makes adjustments as necessary; tests boiler safety devices; blows down boilers to remove scales and sediments; adds prescribed amounts of chemicals to boiler feed water; lights off and shuts down boilers as necessary; lines heating tanks, steam and water pipes with insulation; maintains a log of all tasks performed and reports troubles detected while on duty; cleans and maintains incinerator burners and blowers; may occasionally supervise helpers in the repair and overhaul of equipment.

Minimum Qualification Requirements:

Experience and Training: Two (2) years of experience in the operation, maintenance and repair of high pressure power (steam) boilers, boiler heaters and auxiliary equipment; or an equivalent combination of training and experience.

Knowledge of: The operations of electric, gas and oil heated high pressure boilers; maintenance and service requirements of boilers and related equipment; tools, material, equipment and practices used in the maintenance and repair of boilers and auxiliary equipment; hazards and safety practices of the work; general boiler safety code and regulations.

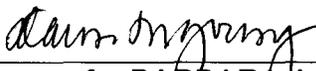
Ability to: Operate and maintain boilers; inspect boiler operations and detect irregularities; repair boiler and auxiliary boiler room equipment; perform steam fitting repairs; keep operating records; work under emergency conditions; follow oral and written instructions; perform heavy lifting, moving and other manual work characteristic of the class.

Physical and Medical Requirements:

Applicants must be able to perform the essential duties and responsibilities of the position effectively and safely, with or without reasonable accommodation.

This is an amendment to the specification for the class STEAM PLANT OPERATOR-REPAIRER approved on November 29, 1984.

DATE APPROVED: 1/3/2012



for BARBARA A. KRIEG
Director of Human Resources Development