

Class Specification  
for the Class:STEAM PLANT OPERATOR II  
WS-05; BU:01Duties Summary:

Supervises and participates in the operation and maintenance of high-pressure steam boilers and auxiliary equipment; makes minor repairs; and performs other related duties as assigned.

Distinguishing Characteristics:

This class involves responsibility for supervising and participating in the operation and maintenance of high-pressure steam boilers and auxiliary equipment such as fuel oil pumps, recording instruments, water pumps, electric motors, regulators, timing mechanisms, compressors, etc. The work includes the performance of preventive maintenance tasks as required, minor repairs, and assisting skilled tradesworkers in the performance of more difficult repairs.

Examples of Duties:

Plans, assigns, supervises and participates in the operation and maintenance of high-pressure steam boilers and auxiliary equipment; instructs subordinates and demonstrates proper work methods and safety procedures; keeps records of work activities and submits reports; performs operator's checks of water, fuel, fuel check valve, pilot light, electric eye, and burner nozzle; adds prescribed amount and combination of chemicals to the boiler feed water; makes adjustments on chimney baffle and air and fuel pressure screws or adjusts operation of fuel oil pumps for optimum combustion; adjusts electrode gaps for optimum sparking and starting; makes minor repairs such as removing and replacing defective gaskets, pipelines, valves, worn bearings, etc.; assists skilled tradesworkers with the more difficult repairs; supervises and participates in daily and periodic preventive maintenance tasks, such as oiling and greasing motors and auxiliary equipment, cleaning burner nozzles, fuel oil filters, chimney, steam and water level regulators, and steam storage tanks and tubes, repainting storage tanks and other equipment; may assist building maintenance workers by performing unskilled and semi-skilled tasks.

Knowledges and Abilities Required:

Knowledge of: The operation and maintenance of high-pressure boilers and auxiliary equipment; including proper work methods and safety procedures; tools, materials and equipment used in steam power plants; Federal and State OSHA safety standards relating to high-pressure boilers.

Ability to: Plan, assign and supervise the work of subordinates; operate and maintain high pressure steam boilers and auxiliary equipment such as fuel oil or water pumps, electric motors, fans, compressors, etc.; detect malfunctions and use hand tools to make minor repairs of mechanical equipment; keep operating records; read and follow directions for simple chemical analysis test kits and use simple math such as multiplication and division to compute the amount of chemicals to add to the boiler feed water based on the results of tests and volume of water in the boilers; follow and give oral and written instructions; perform heavy lifting, moving and other manual work characteristic of the class.

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This is the first classification specification for the new class STEAM PLANT OPERATOR II effective June 26, 1989.  
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This class is adopted from the State of Hawaii, relative to the transfer of classification and compensation jurisdiction to the Hawaii Health Systems Corporation, effective July 1, 1998, pursuant to Act 262, Session Laws of Hawaii, 1996.

APPROVED: \_\_\_\_\_  
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