



Air Conditioning and Boiler Operator III

Salary Group: A17

Class Code: 9036

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
AIR CONDITIONING AND BOILER OPERATOR I	9034	A13	\$32,439 - \$49,388
AIR CONDITIONING AND BOILER OPERATOR II	9035	A15	\$35,976 - \$55,045
AIR CONDITIONING AND BOILER OPERATOR III	9036	A17	\$39,976 - \$61,399
AIR CONDITIONING AND BOILER OPERATOR IV	9037	A19	\$45,244 - \$72,408

GENERAL DESCRIPTION

Performs complex (journey-level) work in the operation and maintenance of steam-generating equipment, turbines, compressors, and auxiliary equipment. Work involves coordinating the maintenance, operation, and repairs of boilers, refrigeration, and auxiliary equipment. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Coordinates the inspection and maintenance of various types of gauges, instrumentation, and indicators, and ensures the proper operation of boilers, refrigeration equipment, and auxiliary equipment.

Operates and adjusts feed water and hot water pumps, checks and regulates drafts and dampers, and checks firing conditions and water levels in boilers.

Maintains records on fuel and water consumption, steam generation, temperatures, pressures, and other measures.

Interprets meters, gauges, and thermometers; maintains log sheets; and checks the operation of turbines, pumps, compressors, motors, and other equipment.

Monitors turbines, condensers, pumps, and other equipment; opens valves; and adjusts controls.

Monitors and switches boilers, monitors boiler water, adds chemicals and fuel to maintain appropriate levels as needed.

Monitors the operation of chillers.

Performs equipment repairs; cleans and oils equipment.

Places boilers in and out of operation as required by varying load.

Regulates steam pressure and water levels.

Cleans and oils equipment.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in the operation and maintenance of steam-generating, air conditioning, and refrigeration equipment. Graduation from a standard senior high school or equivalent is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of pressure steam heating and refrigeration plant operating principles, practices, tools, and equipment; properties of fuel, air, water, and steam; the operation and maintenance of equipment including steam turbines, compressors, pumps, valves, and motors; the operation, adjustment, and maintenance of controlling, indicating, metering, and recording devices used in plant operation; and the principles of steam and refrigeration.

Skill in the use of tools, in the reading and monitoring of gauges and instrumentation, in the adjustment of electrical and mechanical equipment, and in using reasoning to solve equipment related issues.

Ability to interpret meters; to understand and follow instructions; to operate and adjust boilers, turbines, compressors, pumps, and other equipment; to analyze operating difficulties in the equipment; and to communicate effectively.