



Air Conditioning and Boiler Operator II

Salary Group: A15

Class Code: 9035

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
AIR CONDITIONING AND BOILER OPERATOR I	9034	A13	\$35,439 - \$52,388
AIR CONDITIONING AND BOILER OPERATOR II	9035	A15	\$38,976 - \$58,045
AIR CONDITIONING AND BOILER OPERATOR III	9036	A17	\$42,976 - \$64,469
AIR CONDITIONING AND BOILER OPERATOR IV	9037	A19	\$48,244 - \$76,028

GENERAL DESCRIPTION

Performs moderately complex (journey-level) work in the operation and maintenance of steam-generating equipment, turbines, compressors, and auxiliary equipment. Work involves maintaining proper operating levels and conditions of boilers and boiler room equipment, operating refrigeration equipment, and performing repairs and adjustments. Works under general supervision, with limited latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Operates and maintains air conditioning, boiler, and refrigeration equipment.

Maintains water levels in boilers; operates turbines, compressors, fans, pumps, and auxiliary equipment; and switches chillers as needed to cover load requirements.

Monitors the performance of turbines, motors, and pumps.

Monitors boiler water and adds chemicals and fuel to maintain appropriate levels.

Inspects and repairs pumps, turbines, compressors, boilers, gauges, instrumentation, and other auxiliary equipment.

Maintains records and logs detailing equipment performance, malfunctions, and maintenance.

Cleans boilers and turbine blades, inserts new tubes in boilers, fits pipes, and repacks valves.

Assists in the starting and stopping of chillers, boilers, and auxiliary 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 boiler operations; the functions and mechanics of stationary plant equipment such as turbines, compressors, pumps, and motors; and the fundamental principles of electricity.

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

Ability to operate plant equipment, to detect defects or malfunctions in equipment while in operation, to understand and follow instructions, to determine and take proper action quickly in emergencies, to make mechanical repairs, and to communicate effectively.