

PART I	HAWAII HEALTH SYSTEMS CORPORATION	10.055
	STATE OF HAWAII	10.060

Class Specifications  
for the Classes:

ELECTRICIAN I - II  
BC-10; WS-10  
BU:01

ELECTRICIAN I 10.055

Duties Summary:

Performs skilled electrical worker in the repair, maintenance and installation of electrical systems and equipment; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the fully competent work in the series.

This class differs from that of Electrician Helper in that the Electrician I performs a variety of skilled electrical work independently as a regular and continuing assignment and may supervise one or more helpers assisting in the work; whereas the Electrician Helper performs duties which are essentially routine and repetitive, as well as manual and semi-skilled, and assists an electrician in the repair, maintenance and installation of electrical systems and equipment.

This class differs from that of Electrician II in that the Electrician I performs skilled electrical work in the repair, maintenance and installation of electrical systems and equipment and may occasionally lead the work of other skilled Electricians but mainly confines supervision to electrician helpers and other semi-skilled or unskilled workers; whereas the Electrician II, in addition to performing skilled electrical work as the major work assignment, supervises the work of skilled electricians as a continuing work assignment including setting the pace and quality of workmanship.

Examples of Duties:

Installs conduits, transformers, traffic signals, airport signaling systems, pull boxes, and switches from drawings and blueprints; services and repairs pumps, motors, generators, switchboards, oil circuit breakers, and various other types of electrical equipment and apparatus; repairs and replaces broken or defective parts in motors, switches, and fixtures; tests, locates, and repairs trouble in electrical circuits and

equipment; replaces fuses and incandescent and fluorescent lights; plans electrical installations; traces and diagrams wiring circuits; inspects traffic signal, street lighting, and airport lighting systems; reads blueprints and compiles materials list; may assign tasks to electricians and supervise the work of helpers; may assist in other related trades when not utilized in electrical work.

## ELECTRICIAN II

10.060

### Duties Summary:

Performs and supervises skilled electrical work in the repair, maintenance and installation of electrical systems and equipment; and performs other related duties as assigned.

### Distinguishing Characteristics:

This is the working supervisory level in the series.

This class differs from that of Electrician I in that the Electrician II, in addition to performing skilled electrical work as the major assignment, supervises the work of skilled electricians as a continuing work assignment including setting the pace and quality of workmanship, whereas the Electrician I performs skilled electrical work in the repair, maintenance and installation of electrical systems and equipment and may occasionally lead the work of other skilled electricians but mainly confines supervision to electrician helpers and other semi-skilled and unskilled workers.

This class differs from that of Electrician Supervisor I in that the Electrician II spends a majority of the work time in performing skilled electrical work and, in addition, supervises other skilled electricians; whereas the Electrician Supervisor I plans, lays out and inspects the work of a group of several skilled electricians and perhaps other workers on a substantially full-time basis and only occasionally may perform skilled electrical work.

### Examples of Duties:

Plans, lays out, assigns, and reviews the work of electricians and participates in adjusting, repairing and maintaining electrical equipment and wiring systems; estimates time and materials needed to perform the various repair jobs; periodically inspects jobs underway to determine work progress and to assure that an adequate quality of work is being performed; periodically prepares reports of work accomplished, and the progress of jobs underway; reads and interprets blueprints and wiring diagrams of circuits and equipment; plans electrical installations; submit requisitions for electrical supplies, materials, tools and equipment; enforces safety regulations; periodically meets with electricians to discuss any major problems which may arise in work activities; may

assist in other related trades when not utilized in electrical work.

Knowledge of: Practices and methods in the electrical trade, including safety procedures and electrical code; the tools, equipment and materials used in the electrical trade.

Ability to: Use the hand and power tools common to the electrical trade; read and interpret blueprints, sketches, manuals and other materials; recognize hazards typical of the work; estimate time and materials needed to complete a job; understand and follow oral and written instructions; perform heavy lifting, moving and other manual work typical of the class.

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This is an amendment to the specification for the class ELECTRICIAN I – II, to combine levels I and II, effective April 5, 2013.

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This is an amendment to the specification for the class ELECTRICIAN I which was approved on May 20, 1983.

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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.

DATE APPROVED: April 5, 2013

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PAUL TSUKIYAMA  
Director of Human Resources