

Department: In all Civil Divisions  
Classification: Competitive  
Grade: 9

SPEC DISK G3  
DOCUMENT 21

## ELECTRICIAN

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for working as a journeyman electrician. This is skilled work involving responsibility for efficient and workmanlike performance of a variety of electrical tasks and odd jobs requiring a good knowledge of the trade. General instructions are received regarding what tasks to perform permitting considerable leeway for planning the details of each assignment. Immediate supervision may be occasionally exercised over the work of assigned employees. The incumbent does related work as required.

### TYPICAL WORK ACTIVITIES: (Illustrative only)

Installs, maintains and repairs motors and generators;  
Repairs and tests switchboards and switchboard devices;  
Installs, repairs and maintains electric lighting and heating systems;  
Maintains and repairs signal equipment, such as remote control equipment, signal and alarm equipment, program clocks, program bells and fire alarm systems;  
Maintains and repairs storage battery systems and storage battery chargers;  
Maintains and repairs lighting circuits and lighting fixtures;  
Cares for tools, supplies and equipment;  
Trouble shooting and diagnosis of low voltage electrical controls in pump station equipment, compactor, heating equipment, ventilation equipment and air conditioning equipment.

### FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the common practices, tools, terminology and accident precautions of the trade; ability to work from plans and specifications and to follow rough sketches and oral instructions; ability to operate various tools of the trade; ability to lay out work for self and others; physical condition commensurate with the demands of the position.

### MINIMUM QUALIFICATIONS: Either:

- [a] Three years of experience as a journeyman electrician with documented experience with low voltage controls; or
- [b] Five years of experience in assisting a journeyman electrician as an electrician helper with documented experience with low voltage controls; or
- [c] An equivalent combination of training and experience as defined by the limits of (a) and (b).

Revised: 3/22/2024