

## LABORATORY ASSISTANT

**DISTINGUISHING FEATURES OF THE CLASS:** This is skilled work involving the construction and maintenance of apparatus and equipment used in a college chemistry or electrical laboratory. The work may involve occasional instruction of students in the use of apparatus and equipment. Instructions are received and work performed under immediate or general supervision depending on the nature of the task. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Constructs laboratory test panels, chemical or electrical apparatus and other laboratory devices;  
Makes up and checks required solutions or panels for laboratories and lectures;  
Installs new equipment;  
Maintains and repairs all apparatus and equipment;  
Occasionally instructs students in the use of testing devices and other apparatus and equipment;  
Receives and checks all equipment and supply purchases for the laboratory;  
Keeps inventory record of laboratory supplies and equipment;  
Ensures the safety and cleanliness of assigned areas.

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

Good knowledge of practices, processes, tools, and materials used in the maintenance and repair of chemical or electrical apparatus and equipment;  
Ability to build and operate testing equipment;  
Ability to lay out work for others;  
Ability to read and understand drawings and specifications;  
Ability to work from rough sketches; Ability to get along well with others;  
Good motor and hand and eye coordination;  
Dexterity;  
Physical condition commensurate with the demands of the position.

### **MINIMUM QUALIFICATIONS:**

- A) Graduation from a regionally accredited or New York State registered college or university with an Associate's Degree in chemical or electrical technology or a closely field; OR
- B) Graduation from high school or possession of an equivalency diploma and two years of experience in the construction, repair, operation, and maintenance of chemical or electrical testing apparatus and equipment; OR
- C) An equivalent combination of training and experience as defined by the limits of A) and B) above.