

MODESTO CITY SCHOOLS

Job Description

JC# 1761

SKILLED TRADES HELPER - ELECTRICIAN

OVERALL RESPONSIBILITY

Under general supervision, do electrical work, assist Electricians in installation, maintenance, and repair of school electrical systems; may, on occasion, work independently.

SPECIFIC RESPONSIBILITIES

1. Facilitate the work of Electricians by doing semi-skilled or routing work (e.g. replace defective switches, outlets, and motor bearings, lighting fixtures, clocks, fire alarms, bells, etc.).
2. Assist in installation of new conduit, wiring, outlets, light systems, and related work.
3. Operate various electronic equipment (e.g. P.A. systems, computer systems).
4. Perform specialized electrical operations under the direction of Electricians.
5. Adhere to State, County, and City electrical codes.
6. Adhere to State, County, and City fire codes.
7. Adhere to State, County and District safety codes and procedures.
8. Understand and implement oral and written directions.
9. Perform basic arithmetic calculations with speed and accuracy.
10. Attend Modesto City Schools' asbestos training program within the first sixty (60) days of employment.
11. Wear Modesto City Schools' identification during assigned work hours (e.g., badge or Modesto City Schools' shirt).
12. Wear breathing apparatus, shoes, eye goggles, hearing protectors, and protective clothing as directed.
13. Maintain a valid California Driver's License - Class C.
14. Maintain participation in CA DMV Assessment System/Automatic Pull Program.
15. Effectively communicate and maintain cooperative relationships with those contacted in the course of work.
16. Perform other related duties as assigned.

SALARY

Classified Unit Salary Schedule

SKILLED TRADES HELPER - ELECTRICIAN (continued)

QUALIFICATIONS

Knowledge/Ability

Minimum Requirements:

- Basic knowledge of the use and application of materials, tools, equipment, and methods used in electrical work.
- Knowledge of and ability to use electrical test equipment.
- Knowledge of equipment safety practices and procedures.
- Knowledge of the dangers of hazardous materials and the ability to take appropriate action to prevent injury to self and others.
- Knowledge of and ability to perform data entry functions.
- Ability to understand and implement oral directions and directions written in English.
- Ability to perform basic arithmetic calculations with speed and accuracy.

Experience

Minimum Requirement:

- Completion of an accredited apprenticeship program or acceptable skill training or combination of training and experience in the specific assignment.

Education

Minimum Requirement:

- Graduation from high school or General Education Development (GED) Certificate or California High School Proficiency Examination (CHSPE) Certificate.

License(s)/Certificate(s)/Permit(s)

Minimum Requirements:

- Valid California Driver's License - Class C.
- Must provide a DMV printout within five (5) work days of offer of employment.

Desirable Qualification:

- Department of Transportation Powered Industrial Truck Operator's Permit.

Physical Characteristics:

With or Without the Use of Aids:

- Sufficient vision to read fine print, diagrams, blueprints, manuals, and drive and operate equipment.
- Sufficient depth perception. Sufficient color acuity.
- Sufficient hearing to detect and diagnose equipment malfunctions. Sufficient hearing to hear work area noise and normal conversation in person and on the telephone.
- Ability to speak in a normal voice to be able to be heard and understood on the telephone and at the work site.
- Ability to reach horizontally and vertically with arms. Sufficient dexterity to operate hand and power tools requiring strength and coordination, manipulate small objects, print or write legibly, operate precision tools, and make minute repairs.
- Sufficient physical ability, strength, mobility, and stamina to drive a vehicle, climb ladders, crawl under buildings, bend, stretch, stand, kneel, walk, stoop, crawl, and extend legs. Sufficient physical ability, strength, mobility, and stamina to perform heavy physical labor in hot, cold, and inclement weather conditions.
- Sufficient physical ability, strength, balance, and tolerance of heights to work on rooftops, scaffolds, and ladders at heights up to 50 feet, sometimes in precarious positions.
- Sufficient physical ability, strength, mobility, and stamina to lift, carry, push, or pull objects which may frequently exceed 75 pounds in a series of functional tests which clearly simulates the work environment. Sufficient physical ability, mobility, and stamina to work in small spaces with arms extended. Physical ability to sit for extended periods of time.
- Physical tolerance to chemicals and chemical odors.

SKILLED TRADES HELPER - ELECTRICIAN (continued)

QUALIFICATIONS (continued)

Pre-Employment Physical Examination

A physical and tuberculosis examination is required as a condition of employment.

Examinations shall be administered by a District provider and be at the District's expense. Individuals must evidence ability to perform physical requirements of position and test negative for tuberculosis.

REPORTS TO:

Supervisor of Maintenance and Operations or designee.

Revised: 5/21/96

Cabinet Approved: 6/4/96

Unit Approved: 6/5/96

Board Approved: 7/1/96