



## Job Description

**JOB TITLE:** Mechanic Electrician

**TYPE OF EMPLOYMENT:** Full-Time, Exempt (Hourly)

**REPORTS TO:** Operations Manager and Senior Management

### SCOPE OF WORK:

Work will consist of installation, alterations, additions, and/or repairs of electrical systems, conductors, and associated materials and equipment within the residential, commercial, industrial, and medical industries.

### RESPONSIBILITIES:

- A. Performs all electrical tasks with general supervision, possesses Journeyman license, has the ability to read blueprints, terminate cable, install and troubleshoot control wiring from drawing, is able to demonstrate experience factors exceeding an electrical helper and must be sufficient on rough-in work.
  - 1. Install feeders.
  - 2. Wire and conduit sizing.
  - 3. Switchgear and device installation and termination.
  - 4. Layout and preparation for installation.
  - 5. Underground layout and rough-in.
  - 6. Motors and controls—troubleshooting.
  - 7. Possesses skills of lower job titles (Apprentice Electrician).
  - 8. Fully comprehends electrical theory and NFPA 70 National Electric Code.
  
- B. Train Apprentice Electricians in National Electric Code, as well as Safety and Company Practices.

### POSITION REQUIREMENTS:

**LICENSES:** Current driver's license with acceptable driving record per the Company's insurance; possess own transportation.

**ELECTRICAL:** None

**EDUCATION:** High School Diploma or GED

**EXPERIENCE:** Four years of previous electrical experience.

### WORKING CONDITIONS:

- 1. Job requires working in all elements, depending on job location, time of year (heat, rain, etc.)
- 2. Must be able to utilize construction site sanitary facilities (Porta-Potties).

3. Job requires employees to have personal tools with them at all times (waist tool belt as work weighs approximately 30 pounds).
4. Works from all types of ladders (step ladders up to 14 ft, A-frame ladders, and all sizes of extension ladders, and carry and relocate up to 12 ft. step ladder by one's self)
5. Employee's personal weight and personal tools cannot exceed weight limit of ladder (Class 1-250 lbs., Class 1A-300 lbs.)
6. Perform work at various heights (up to 90 ft.) from ladders, scaffolds, aerial lifts, cat walks, bucket trucks, or other areas.
7. Work in restricted areas (switchgear room manholes, utility tunnels, crawl spaces, attics).
8. Wear personal protective equipment (hard hat, safety glasses, respirator when required).
9. Repetitive use of arms, hands, and fingers.
10. Able to work 8 hours per day, 40 hours per week, overtime as required and night shifts.

**SKILLS:**

1. Positively identify colors of wires.
2. Comprehends reading and drawing prints and schematics.
3. Bend conduit by hand with hand benders.
4. Must use all power tools, saws, threaders, wire tuggers, hydraulic benders, and knockout punches.
5. Capable of digging trenches, either by use of hand tools or power equipment.
6. Operate equipment, trenchers, back hoe, lift in safe manner.
7. Practices and comprehends safe work procedures per Company policy.
8. Operates two-handed tools/equipment, cable cutters, hammer drills, compression tools, jack hammers.
9. Operate company trucks with manual and automatic transmission.
10. Read and interpret maps, instructional manuals, specifications, work site directions, blue prints, and written instructions.
11. Operate and work from mechanical personnel lifts (electrical or gas-powered).
12. Work on energized circuits and equipment with company management approval as outlined in the Safety Policy.

**PHYSICAL FUNCTION:**

1. Must be able to bend, stoop, squat, crawl, climb, kneel, balance, push, pull, and reach overhead repeatedly and for long periods of time, as needed.
2. Lift 50 pounds.
3. Constantly moving your feet.
4. Climb ladders (all types).
5. Completing overhead work for full day assignments.
6. Must be able to make transition from employee parking area or street into construction work areas and to gain access to all levels of building, even if the only means of access is by OSHA approved site construction ladder of stairs still under construction but acceptable for use.
7. Possess good vision (normal or corrected).
8. Responsible for securing tools and materials from storage areas to complete their assigned tasks.

**WORKING CONDITIONS:** All elements inside and outside.

**POSITION FROM WHICH AN EMPLOYEE COULD BE PROMOTED INTO THIS POSITION:**

Apprentice Electrician

**PROMOTIONAL OBJECTIVE:** Journeyman Electrician