



## **ELECTRICIAN – Northeast Pennsylvania/Luzerne County Area**

**ELECTRICIAN JOB SUMMARY:** Our company applies the tradecraft name “Electrician” to employees with specialized technical expertise and work experience. The combination of technical expertise and work experience is used to categorize electricians by Class 1, 2 or 3. An entry level electrician is designated an Electrician 1 and will be encouraged to build his or her technical expertise and work experience to achieve Electrician 2 and 3 designations. Employee compensation rates are based upon these classification levels in addition to fair market values and other considerations. The following description encompasses all of the tasks that a fully qualified Electrician Class 3 should be able to perform.

Electrician work involves installing, maintaining, troubleshooting, upgrading and repairing wiring, conduit and electronic control systems. Industrial electricians require the ability to work from building plans, blueprints, and sketches to plan layouts, installations, repairs, maintenance or modifications. They also need to be familiar with NEC Industrial code. Electricians are expected to perform an extensive list of tasks including, but not limited to, installing multi conductor wiring, replacing worn components, performing inspections, fabricating control panels, performing megger testing of feeder cables and motors, installing heat tracing cables and equipment, performing exothermic welding (Cadwelding), installing medium voltage stress cones and bending, threading and installing rigid conduit up to 6”. The electrician also may perform preventative maintenance, such as oiling motors, bending conduit, running new wire and installing outlets, switches and other components. Electricians are also expected to troubleshoot equipment or wiring issues by running tests, identifying and isolating the problem and repairing any faulty components. All Class 3 Electricians are expected to be able to run crews of up to four (4) electricians and /or helpers.

The electricians are required to have good math skills to be able to take measurements and work with numbers. Electricians should have a basic knowledge and skill of rigging functions, such as installing brackets, cabinets or transformers, to avoid delays or downtime during projects. Electricians may work from ladders, scaffolding, scissor lifts and platforms, and where the systems and equipment worked on are in hard-to-reach places. This requires the electricians to stand, stoop, bend, kneel, climb and work in tiring and uncomfortable positions. Electricians also may perform physically demanding tasks, such as digging trenches to lay conduit and moving, lifting, and carrying components and equipment that weigh up to 50 pounds (23 kg) and occasionally, may lift and carry items that weigh over 50 pounds (23 kg). Since electricians need to be able to identify wires by color, they must not be colorblind. In addition, electricians should have good hand-eye coordination and motion control.

### **GENERAL REQUIREMENTS**

All employees must maintain a working knowledge of the **Employee Handbook & Safe Work Practices Manual** and comply with all requirements contained therein. All Electricians regardless of Class are required to possess and maintain a valid driver’s license, be willing to travel to or report directly to various job sites, and work various standard/off hour work shifts. All Electricians are required to possess and maintain a personal set of trade tools and PPE. Electricians are expected to ensure their workmanship meets or exceeds applicable standard industry and or customer contract specifications.



#### **SAFETY PERFORMANCE AND TRAINING REQUIRMENTS**

All employees are responsible and accountable for:

- ✓ Compliance with workplace policies and procedures for risk identification, risk assessment and risk control
- ✓ Active participation in activities associated with the management of workplace health and safety
- ✓ Identification and reporting of health and safety risks, accidents, incidents, injuries and property damage at the workplace
- ✓ Correct utilization of appropriate personal protective equipment (PPE)

#### **SAFETY PERFORMANCE AND TRAINING REQUIRMENTS**

- ✓ Company Code of Safety Practices
- ✓ New Hire Safety Orientation
- ✓ Fall Protection
- ✓ Lock Out/Tag Out
- ✓ Scaffolds and Ladder Safety
- ✓ Aerial and Scissor Lift Safety
- ✓ Hazardous Materials Communication Program
- ✓ Respiratory Protection Program
- ✓ First Aid & CPR
- ✓ Rigging Safety

#### **CUSTOMER SATISFACTION**

- ✓ Every employee is expected to perform their tasks with the highest level of competency, professionalism and quality. The satisfaction of our customers is a high priority and customer feedback (positive or negative) is taken into consideration during all employee review/evaluation processes.

***Our company is an Equal Employment Opportunity Employer***