

## **Journeyman Electrician**

Job Summary: Performs on-site or in-house installation, servicing and/or repair of equipment. This job may include any aspect of field support and installation including troubleshooting and repair of electronic equipment, systems, and wiring; installation of equipment; upgrades, modifications, programming; documentation.

Essential Duties and Responsibilities include the following. Other duties may be assigned.

- Installation of electrical components of transportation systems, including the following:
  - Intelligent transportation systems (ITS)
  - Traffic signals
  - Roadway Lighting Systems
- Install electrical and data conductor.
- Install conduit and pull boxes.
- Install poles and foundations.
- Install component and system grounding and surge protection.
- Responsible for training and providing technical support to less experienced electricians.
- Acts in a supervisory role when needed.
- Responds to corrective maintenance requests within contract time frame.
- Restores equipment to operational status as quickly as possible.
- Completes reports, logs and performs shift-to-shift communications in accordance with established policies, procedures and local practices.
- Work with technical team on advanced and intermittent technical issues.
- Field test of units or components.

Required Skills and Experience:

- Associate degree (A. A.) or equivalent from two-year College or technical school or combination of training and work experience.
- Requires a minimum of 5 years of related experience.
- Journeyman Electrician Certification/Card or better required.
- IMSA Level II Traffic Signal Technician a plus.
- Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals.
- Ability to write routine reports and correspondence.
- Ability to speak effectively before groups of customers or employees of organization.
- Must possess valid driver's license and be able to obtain a, CDL Class A or B license.

Other Requirements:

- Travel will be required.
- Must be able to work any shift, weekends or overtime as required.
- Required to stand; sit; use hands to finger, handle, or feel; reach with hands and arms; stoop, kneel, crouch, or crawl and talk or hear.
- Occasionally required to walk and climb or balance.
- Regularly lift and /or move up to 50 pounds and occasionally lift and/or move up to 100 pounds.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.
- Frequent exposure to moving mechanical parts; outside weather conditions and moving traffic.
- Occasionally exposed to high, precarious places, fumes or airborne particles and risk of electrical shock.
- Comfortable with confined space work.