



Electrical Journeyman (High Voltage) Airfield Lighting

Installs, tests and repairs grounding systems in accordance with accepted codes, standards, and manufacturer's recommendations. Plans new or modified installations to minimize waste of materials. Provide access for future maintenance, and avoid unsightly, hazardous, and unreliable wiring, consistent with specifications and local electrical codes. Prepares sketches showing location of wiring and equipment, or follows diagrams or blueprints, ensuring that concealed wiring is installed before completion of future walls, ceilings, and flooring. Measures, cuts, bends, threads, assembles, and installs electrical conduit using tools such as hacksaw, pipe threader and conduit bender. Pulls wiring through conduit, assisted by electrician helper. Splices wires by stripping insulation from terminal leads, using knife or pliers, twisting or soldering wires together, and applying tape or terminal caps per accepted codes and standards. Connects wiring to lighting fixtures and power equipment, using hand tools. Installs control and distribution apparatus, such as switches, relays, and circuit-breaker panels, fastening in place with screws or bolts, using hand tools and power tools. Connecting power cables and ground leads to equipment and other electrical utilization equipment such as motors, HVAC units, etc. Tests continuity of circuit to ensure electrical compatibility and safety of components, using testing instruments, such as ohmmeter, battery and buzzer, and oscilloscope. Observes functioning of installed equipment or system to detect hazards and need for adjustment, relocation, or replacement. May repair faulty equipment or systems.

As directed by management, may supervise employees or subcontractor personnel in accordance with the "General Supervisory Duties and Responsibilities" addendum.

Journeyman – A skilled craft worker educated in a specific craft, having verifiable minimum experience and/or holds and accepted certification, license and/or degree. Requires minimal supervision.

Basic requirements

- High school diploma / GED equivalent, or an equivalent combination of education and experience, and a minimum of five years related experience.*
- Requires the job knowledge, skill level and physical ability necessary to perform assigned job functions.*
- Journeyman license/certificate or equivalent is required.*
- Must be a U.S. Citizen*

- Must have a Secret Security Clearance*
- Performs electrical inspections, maintenance, and repair services at the facilities at AASAB and at JSSD-K.*

- *Provides preventive and corrective maintenance of electrical distribution and ancillary systems, lighting (both interior and exterior), grounding systems, motor and motor control circuits, receptacles, and panels.*
- *Must have grounding and bonding experience.*
- *Completed the OSHA 30-hour course.*
- *Position may be located in a wide variety of environments, from conventional indoor office workspace to project worksites with harsh, working and living conditions.*
- *To ensure compliance with safety, health and security requirements in the contract, employee will possess the ability to read, write, speak and understand the English language at the intermediate level as necessary to perform assigned job functions.*
- *Position requires the basic skills and physical ability necessary to perform assigned job functions.*
- *Prior military and/or contingency experience is a plus.*