

ELECTRICAL TECH 3

JOB SUMMARY

Responsible for installing the standard and more complex conduit and electrical components into buildings. Able to lead a crew and help provide training to crew members. Requires basic math skills, mechanical aptitude, ability to read blueprints, and high level of problem-solving ability. Performs multiple routine or semi-complex tasks and troubleshoots more complex tasks with independent exercise of judgment. Performs duties with little or no supervision. Assists the supervisor in development and training of employees in the conduit and electrical operation.

ESSENTIAL FUNCTIONS

- Reads and interprets blueprints, with no supervision.
- Installs complex conduit configurations per blueprint specification using appropriate tools.
- Mounts electrical boxes, fixtures, and enclosures.
- Stocks and sets up electrical wire carts.
- Pulls wire through conduit and makes ground connections.
- Reads blueprints to determine placement of wire.
- Installs wire for complex configurations.
- Installs and covers receptacles and switches.
- Properly performs wiring insulation resistance, continuity, and point-to-point terminations checks.
- Performs operational checks to ensure quality and employee proficiency.
- Keeps inventory of parts in the area.
- Trained and proficient in the National Electrical Code.
- Performs other tasks as assigned by crew leader or supervisor.

SKILLS & QUALIFICATIONS

- Prior electrical experience is required.
- Must demonstrate basic math skills.
- Able to read a tape measure.
- Ability to read blueprints.
- Must be able to follow verbal and written instructions.
- Must demonstrate ability to perform multiple or semi-complex tasks with limited exercise of judgment.
- Must demonstrate mechanical aptitude.

EDUCATIONAL REQUIREMENTS

- High school diploma or GED is required.
- A degree in Industrial electricity or training in electrical is required.

PHYSICAL REQUIREMENTS

- Requires wearing personal protective gear, such as protective eyewear and steel-toed boots.
- Requires regularly picking up objects with fingers such as nuts, bolts, screws, and washers.
- Exposes employee to potential job strain from repetitive motions of wrists and arms.
- Requires working for extended periods of time in a standing position while installing equipment.
- Requires ability to ascend, descend, and work from a ladder.
- Requires stooping and crouching. Requires working in confined spaces while installing equipment.

- Must be able to lift and exert a force up to 50 lbs. occasionally when transporting materials on the job.
- Requires clarity of vision, with or without corrective lenses, for accuracy in installing components.
- Requires a high degree of attention to detail.
- Exposed to such hazardous conditions as extreme noise levels and electrical, automatic, and/or moving equipment.
- Numerical intelligence is a requirement for reading a tape measure and blueprint specifications.

OTHER REQUIREMENTS

- Must pass drug screen
- Must pass criminal background check