

ELECTRICAL TECH 4

If you qualify for this position, please e-mail your resume or internal application to careers@fibrebond.com.

JOB SUMMARY

Responsible for installing the standard and more complex conduit and electrical components into buildings. Able to lead multiple crews. 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.
- Uses power benders and basic bends.
- Makes correct complex EMT piping bends with minimal waste or joints.
- Installs conduit stub ups for customer supplied equipment.
- Mounts electrical boxes, fixtures and enclosures.
- Stocks and sets up electrical wire carts.
- Measure, cut, and debur unistrut frame pieces, B-line tray pieces, and wireway/cable tray pieces using properly operated cutting tools.
- Properly installs cold shrink kits from 5kv to 35kv for power cables.
- Pulls wire through conduit and makes ground connections.
- Pulls wire for complex low voltage alarm and signal circuits per print.
- Reads blueprints to determine placement of wire.
- Installs wire for complex configurations.
- Installs and covers receptacles and switches.
- Wires up and terminates panel boards, transformers, service disconnect and equipment controllers per print including mechanical torque or crimping requirements.
- Properly performs wiring insulation resistance, continuity, and point-to-point terminations checks.
- Properly crimps and secures small terminal connectors, phone jack connectors, and complex signal and alarm wiring in terminal strips per print in compliance with torque and crimping requirements.
- Performs operational checks to ensure quality and employee proficiency.
- Keeps inventory of parts in the area.
- Trained and proficient in the National Electrical Code.
- Ensures calibrated tools for various operations are within date and operating correctly.
- Performs other tasks as assigned by supervisor.

REQUIREMENTS

- 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.

- Able to check and assist in checking high voltage with a meter.
- Able to lead and train multiple crews.
- Trained in lockout/tagout policies.
- Trained in safety in all essential functions.
- Trained in Arc Flash and Arch Flash labeling requirements.
- High school diploma or GED is required.
- A degree in Industrial electricity or training in electrical is required.
- 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.
- Must pass drug screen.
- Must pass criminal background check.