

Electrician

Main Responsibilities:

- Reads and interprets electrical, mechanical, and architectural drawings and electrical code specifications.
- Pulling and markup wire through conduits and holes.
- Installs, replaces, maintains, and repairs electrical systems and related electrical equipment.
- Splices, joins, and connects wire to form circuits.
- Tests circuits to ensure integrity and safety.
- Ability to work off ground, with ladders, scaffolding and AWP.
- Ability to measure, cut, Fab and Install Trays.
- Termination of cable.
- Installation of heat trace.
- Installation of light fixtures, junction boxes and miscellaneous pieces of equipment ranging in various weights from 5 lbs. to 50 lbs.
- May perform other related duties as assigned.

Job Specific Knowledge:

- The ability to interpret blue prints.
- Ability to work around cranes and forklifts frequently.

Industry Specific Experience:

- An understanding of safe work practices and the knowledge to safely operate the tools of the trade.
- Able to work outdoors in adverse weather conditions.
- Able to work at heights (no more than 20 feet).

Mandatory Training Requirements:

- CSTS 09
- WHMIS 2015
- OSAA Fall protection
- OSSA Elevated Work Platform

Education – Qualifications, Accreditation, Training:

- Must be an Electrical Apprentice or hold a Journeyman ticket or hold a valid recognized credential from a recognized provincial training authority.
- Alberta (AIT) Apprenticeship consists of:
 - ✓ The term of apprenticeship for an electrician is 4 years (four 12-month periods) including a minimum of 1500 hours of on-the-job training and 8 weeks of technical training in each of the first three years, and a minimum of 1350 hours of on-the-job training and 12 weeks of technical training in the fourth year.