

ELECTRICIAN

DEFINITION: Under general supervision, performs apprentice level electrical work in installing, maintaining and repairing electrical wiring lines, systems and equipment; performs related work as assigned.

ESSENTIAL FUNCTIONS: This list is ILLUSTRATIVE ONLY and is not a comprehensive listing of all functions and tasks performed by incumbents of this class.

TASKS:

Troubleshoots, repairs and/or replaces electric wiring lines, circuits and electrical motors; installs or extends electrical circuits for outlets for interior and exterior lighting; installs conduit and pull wires; services heating furnaces and water heaters; maintains and upgrades wires, dedicated circuits, heating and cooling equipment and junction boxes; maintains, repairs or replaces light bulbs and light fixtures; replaces bearings on motors; troubleshoots and repairs solar systems.

Maintains, repairs and replaces ballasts, sockets, starters, outlets, and photo cells; services, installs or replaces transformers, breakers, capacitors, fuses, thermostats, heating elements, contactors, relays and heat tapes; orders supplies and materials, completes work order forms, time sheets, mileage reports, and status reports; completes electrical inspections; may assist other trades in performance of duties related to plumbing, carpentry, painting and appliance repairs; performs general maintenance duties.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS:

Knowledge of apprentice level electrical contracting methods, practices and procedures.

Knowledge of the repair of electrical motors and systems.

Knowledge of the building codes and regulations related to electrical installation.

Knowledge of occupational safety and health regulations and practices.

Knowledge of equipment, supplies and specialty tools related to electrician trade.

Knowledge of sources of supply, prices and grades and qualities of a variety of materials, supplies and equipment.

Skill in safely installing, repairing and replacing electrical wiring systems.

Skill in following National Electrical Code rules and regulations.

Skill in safely utilizing a variety of power and hand tools.

Skill in following written and verbal directions, blueprints and electrical schematics.

Skill in estimating costs of materials and labor.

Skill in establishing and maintaining effective working relationships.

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT: Work requires lifting, carrying materials, equipment and supplies weighing up to 50 pounds; climbing ladders, pulling conduit through walls; crawling, kneeling and working in confined spaces.

MINIMUM QUALIFICATIONS:

- A high school diploma/GED; and two (2) years of progressively responsible apprentice level commercial or residential electrical installation and repair experience.

Special Requirements:

- Must be a Licensed Apprentice Electrician.
- Possess a valid state driver's license.

THE NAVAJO NATION

Class Code: 4175
General Services and Maintenance Series
Skilled Trades Group
Overtime Code: Non-Exempt
Pay Grade: 61

ELECTRICIAN

PREFERRED QUALIFICATIONS:

- License Journeyman Electrician.

Supplemental Requirements:

Some positions may require additional certifications or licenses depending on area of assignment.

Depending upon the needs of the Nation, some incumbents of the class may be required to demonstrate fluency in both the Navajo and English languages as a condition of employment.