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Electrician

JOB CODE	JOB FAMILY	PROFILE
JCV511	**Trades, Crafts and Other Skilled Work**	**Electrician**
PAY TYPE	**PAY RANGE**	**REVISION DATE**
Hourly	**$22.81 - $36.01**	**August 19, 2026**

The Electrician, under the direction of the assigned supervisor, plans layouts, installs and repairs wiring, electrical fixtures, apparatus, and controls equipment.

Job Description

DUTIES AND RESPONSIBILITIES

- Plans new or modified installations consistent with standard specifications and local electrical codes to minimize waste of material, remove unreliable wiring and provide access for future maintenance.
- Prepares sketches designating location of wiring, fixtures, and equipment, and reads diagrams or blueprints to ensure that all electrical installations and removals are consistent with the Uniform Electrical Code.
- Measures, cuts, bends, threads, assembles, and installs electrical conduits using proper hand or power tools.
- Connects wiring from electrical fixtures to main source.
- Tests continuity of circuit to ensure electrical compatibility and safety of all components.
- Makes certain that all work orders are completed satisfactorily.
- Examines and repairs faulty electrical system or equipment.
- Determines the amount of work and materials required on a work assignment and submits project schedules as required.

- Informs the department head of any complications, changes, or adjustments on work assignments.
- *The above information is intended to outline the general nature and scope of the duties required for this position. It is not an exhaustive list and may vary depending on specific job assignments and responsibilities.

MINIMUM QUALIFICATIONS

- High school diploma or GED.
- Five (5) years of experience working in the area of duties mentioned above.
- JE-98 journeyman electrical license from the State of New Mexico required.
- Knowledge of accepted principles and practices of electrical systems, electricity and electrical equipment.
- Ability to exercise judgment, evaluate a problem area, and to use initiative in reaching a solution.
- Ability to communicate well with others.
- Ability to carry out the safety rules and policies established by the department.
- Ability to communicate in both oral and written English.

*Any equivalent combination of related education and/or experience may be considered for the above requirements.

SUPPLEMENTAL INFORMATION

SCREENING AND COMPLIANCE

The offer of this Bernalillo County position requires compliance with the following:

- Successful completion of a post-offer employment medical examination and background investigation.
- Adherence to all County safety guidelines.
- Complete all FEMA training(s) assigned to this position.
- Possession of a valid New Mexico driver’s license by the date of hire and maintenance of a valid license while employed in this position.
- Complete required supervisor training, if applicable.
- Employee must have a thorough knowledge and use of the tools and equipment required of the trade.
- Employee must possess a journeyman electrical license from the State of New Mexico.

WORKING CONDITIONS

- Duties are performed indoors, estimated at 50%.
- Indoor duties are performed in a temperature-controlled environment; however, worker is exposed to natural weather conditions while working outdoors 50% of the time.

- Outdoor surfaces include natural ground, concrete, asphalt, ramps, stairs, or decks.
- Work hazards or potential work hazards include exposure to dangerous situations involving high voltage, adverse weather conditions and other mechanical hazards, hazards associated with working at heights.
- Worker is exposed to snow, wind, possible lightning, and extreme cold and heat.
- Worker is exposed to high voltage during inspections, safety checks, maintenance, and repair when the wire must remain “hot.” Worker must follow safety procedures while working on “hot” wires.
- Work may include those of a correctional facility environment with exposure to noise and dangerous situations that could involve serious bodily injury and other health hazards.

EQUIPMENT, TOOLS, AND MATERIALS

- Employee handles writing utensils, various paperwork, files and reports in the documentation of work.
- Employee operates a county vehicle.
- Employee utilizes various hand tools, voltmeter, ohmmeter, and other test instruments.
- Employee handles ladders, scaffolds, drills, hand tools, pipe benders, saws, fish tape and fuse pullers, cherry picker, aerial lift truck, tommy lift truck.
- Employee operates two-way radio, utilizes beeper, and safety equipment, including glasses, safety shoes, hard hats, back support belts, vests, fire extinguishers, first aid kits and electrical gloves.

Additional Description

This job profile is classified as safety-sensitive. Employees with safety-sensitive job profiles are subject to pre-employment, reasonable suspicion, post-accident, return-to-duty, and random drug & alcohol testing in accordance with the organization’s Drug and Alcohol Testing Policy.

Duties that require a Commercial Driver’s License (CDL), firearm(s) use, or are otherwise regulated under the Federal Aviation Administration (FAA), Federal Motor Carrier Safety Administration (FMCSA), or the Omnibus Transportation Employee Testing Act, are subject to all applicable federal drug and alcohol testing requirements. Employees in these federally regulated positions must comply with all DOT testing procedures, including enrollment in a DOT-compliant random testing pool.