

ELECTRICIAN

DEFINITION OF WORK

Under limited direction, employees perform skilled master-level work in the maintenance, repair, and installation of electrical systems for the day-to-day operations at the Crown Center complex or for all electrical systems in all County-owned, leased and partnership facilities. Employees may direct the activities of assigned work crews as needed, or permanently supervise and direct a team of two or more Maintenance Technicians performing skilled journey-level electrical maintenance and general to skilled plumbing and HVAC (heating, ventilation, and air conditioning) work. Work is typically supervised by a Facilities Maintenance Supervisor or a Production Supervisor.

EXAMPLES OF WORK

Employees install electrical conduits and fittings; connect wires to circuit breakers transformers or other components; route and pull wiring for electrical, telephone, computer, intercom, and alarm systems; repair electrical appliances; diagnose malfunctioning systems, and replace faulty switches, sockets, plugs, fuses, and insulators. Maintain supplies, materials, and equipment inventories for assigned buildings. On a limited basis, performs general to skilled plumbing work and mechanical system work; installs water and sanitary fixtures and equipment; changes faucet washers, stem, seals; and installs and maintains HVAC systems in County buildings and facilities. Employees perform related work as required.

EMPLOYMENT STANDARDS

Education and Experience:

Associate's degree with course work emphasis in electrical, electronics, and/or other related maintenance trades and three years of experience in maintenance or building trades work including supervisory experience; or an equivalent combination of education and experience.

Knowledge, Skills, and Abilities:

Thorough knowledge of the procedures, materials, and equipment related to the electrical maintenance trade; considerable knowledge of approved electrical methods, practices, code requirements, and safety standards. Working knowledge of procedures, materials, and equipment related to HVAC systems, plumbing, and carpentry; ability to read and interpret drawings, blueprints, and written instructions; ability to assign, direct, and supervise a staff of unskilled, semi-skilled, and skilled maintenance personnel; ability to perform manual labor for extended periods of time; ability to exercise tact and courtesy in contact with the general public and inter-Departmental personnel; and the ability to establish and maintain effective working relationships.

SPECIAL REQUIREMENTS

Must have and maintain an Electrical Limited Classification (L) or Electrical Single Family Detached Residential Dwelling Classification (SP-SFD) license. Background check with local law enforcement agency required. Some positions within classification may require a valid North Carolina driver's license. Condition of Employment: Each applicant who is tendered an offer for employment for any position with Cumberland County shall be tested for the use of drugs specified in the County policy. Refusal to submit to testing or a confirmed positive test shall be basis for withdrawal of the conditional employment offer.

ADA REQUIREMENTS

Employees are subject to hazards associated with working in inside and outside environments, in extreme hot and cold weather, with exposure to dirt, dust, loud noises, odors, pollen, machinery, toxic fumes, oils, gases, chemicals, or flammable liquids. Work subjects employees to compliance with OSHA safety standards, policies, and regulations.

PHYSICAL REQUIREMENTS

Must have ability to exert heavy physical effort in moderate to heavy work, with greater emphasis on climbing and balancing, but typically involving some combination of climbing and balancing, stooping, kneeling, crouching, and crawling.

Must be able to lift, carry, push and/or pull objects and materials of moderate weight up to 50 pounds; may occasionally involve heavier objects and materials up to 100 pounds.

Must have ability to perform simple to complex movements requiring moderate coordination.

Must have visual perception and ability to discriminate colors.

Must be able to perceive and discriminate odors/sounds.

Must be able to perform manual labor for extended periods of time as required by work assignments.