

KENT COUNTY POSITION DESCRIPTION

*Kent County Levy Court
555 Bay Road, Dover, DE 19901*

Department of Public Works
Division of Wastewater Facilities
Classified, GRADE 10
40 Hour Week

ELECTRICIAN I

GENERAL STATEMENT OF DUTIES: Performs licensed electrician tasks in the installation and maintenance of wiring, electrical systems, and equipment; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: An employee in this class generally performs skilled work involving the electrical installation, maintenance and repair operations as the wastewater facilities and pumping stations. An employee also is expected to plan details of each work assignment and carry it to completion. General supervision is received from higher grade electricians or Electric/Electronics Foreman. Employees in this class must use reasonable care, judgment, and the application of their knowledge in the performance of their duties.

ADA REQUIREMENTS: This is very heavy work requiring exertion in excess of 100 pounds of force occasionally, in excess of 50 pounds of force frequently, and in excess of 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; mental acuity is required for making rational decisions through sound logic and deductive processes; visual acuity is required for depth perception, color perception, night vision, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, noise, vibration, hazards, atmospheric conditions, and oils.

EXAMPLE OF WORK: (Illustrative only)

Install and repair electrical, mechanical, refrigeration, air conditioning and electronic equipment that requires a skilled electrician;

Maintain low voltage substations, breakers, relays and transformers;

Read and interpret blueprints and specifications;

Instruct assigned staff in assisting with different projects;

Assist maintenance mechanics as directed;

Develop and implement a preventive maintenance program for all electrical equipment;

Perform general custodial work to keep work area and facilities clean and safe.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES: Good knowledge of the standard practices, tools and terminology of the electrical trade; good knowledge of electrical theory and codes; ability to read and interpret blueprints, specifications, and schematics; ability to make repairs to electrical safety practices; ability to work with all voltages; ability to perform manual work; ability to establish and maintain effective working relationship with coworkers and supervisors; some knowledge of personal computers and pertinent applications; regular and timely attendance; performance of duties in a safe manner.

ACCEPTABLE EXPERIENCE AND EDUCATION: Completion of standard high school coursework or G.E.D. with at least three (3) years experience as an electrician's helper/journeyperson and at least one year experience as a skilled trade licensed electrician (preferably in a water/wastewater environment); or any combination of experience and training which provides the required knowledge, skills, and abilities.

ADDITIONAL REQUIREMENTS: Possession and retention of a State of Delaware Limited Electrician License (or Master Electrician). Possession and retention of a valid commercial motor vehicle operator's license (CDL) issued by the State of Delaware which will permit the operation of all County commercial type vehicular equipment. All motor vehicle violations must be reported to supervisor immediately and a good driving record is required to retain position. Must pass testing for substance abuse and criminal background investigation. May be required to pass testing of physical strength and agility to qualify for and retain position. Must maintain a positive work environment by acting and communicating in a manner that promotes harmonious relations with customers, co-workers, and supervisors. Direct deposit of pay required. Additional collective bargaining agreement provisions may apply.

Employee Acknowledgement

Eff. 10/01/07

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