

KENT COUNTY POSITION DESCRIPTION

Department of Public Works
Division of Wastewater Facilities
Classified, GRADE 9
40 Hour Week

ELECTRICIAN I

GENERAL STATEMENT OF DUTIES: Performs journeyman level 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 at 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 the Electrician II or Maintenance Supervisor. 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; 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 TRAINING: Completion of standard high school coursework or G.E.D. (Master Electrician Certificate or License preferred) with at least three years experience as an electrician's helper and at least one year experience as a skilled trade electrician; or any combination of experience and training which provides the required knowledge, skills, and abilities.

ADDITIONAL REQUIREMENTS: Must pass written examination administered by Kent County Personnel Office. Possession and retention of a valid motor vehicle operator's license issued by the State of Delaware. 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. Direct deposit of pay required. Position subject to terms of Local 312 bargaining agreement.

Employee Acknowledgment

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REV. 7/1/94
REV. 01/11/99
Rev. 07/01/00