

KENT COUNTY POSITION DESCRIPTION

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

Department of Public Works
Division of Wastewater Facilities
Classified, GRADE 12
40 Hour Week

ELECTRICIAN III

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

DISTINGUISHING FEATURES OF THE CLASS: This single position class is responsible for overseeing and performing skilled work involving electrical installation, maintenance, and repair at the wastewater facilities and pumping stations under the general supervision of the Electric/Electronics Foreman or other designated supervisor. The employee in this class is responsible for supervising the activities of a small staff of Electricians. Employees in this class must use reasonable care, judgment, and the safe 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; 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)

Supervise, assign and inspect work of Electricians;
Install and repairs electrical, mechanical, refrigeration, HVAC, and electronic equipment that require a skilled electrician;
Insure safe operation of all electrical equipment by strict adherence to safety precautions;
Develop and implement a preventive maintenance program for all plant electrical equipment;

Maintain low voltage substations, breakers, relays, transformers, and generators;
Read and interpret blueprints and specifications;
Instruct assigned maintenance or operations staff in assisting with different tasks;
Maintain and troubleshoot computerized monitoring/control systems (SCADA).

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES: Thorough knowledge of the principles, terminology, tools and equipment used in the electrical trade; thorough knowledge of electrical theory and codes; ability to read and interpret blueprints, specifications, and schematics; ability to make repairs using electrical safety practices; ability to work with all voltages; good knowledge of mechanical systems and repair work; ability to plan and direct work of other electricians and assistants; ability to perform manual work; ability to establish and maintain effective working relationship with coworkers and supervisors; proficiency in the use of personal computers and pertinent applications used to program and troubleshoot automated systems/PLC equipment; 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. and possession of a valid Master Electrician License with at least three (3) years experience working in commercial or industrial applications; 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 Master Electrician License. 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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