MASTER JOURNEYMAN (Electrician)

Location*:* Cape May-Lewes Ferry, Cape May, NJ Hourly

Rate*:* $42.5365 ($88,476 annualized)

Opening Date: November 6, 2026 **Closing Date: Until Filled**

I. POSITION SUMMARY

This position is an expert craftsman in the electrical field. Most job responsibilities require previous experience on equipment and similar work procedures. Employees in this classification work from general instructions and will have some responsibility for ordering tasks and determining what procedures to apply. Employees may encounter some new situations requiring new solutions. The employee is responsible for following established safety practices while performing assigned duties to protect self, co- workers and the public from personal injury and to prevent damage to Authority property. This position is a bargaining unit position that is represented by International Union of Operating Engineers, Local 542

II. ESSENTIAL DUTIES AND RESPONSIBILITIES

- Provides expert level maintenance support in electrical field (e.g., HVAC, electrical, information technology, electronics, marine vessels, carpentry, automotive)
- Troubleshoots the most complex problems and issues
- Provides primary expertise on projects and tasks (such as scope and project budgeting)
- Conducts preventative maintenance
- Emergency response (24/7) to any Authority location
- May be responsible for directing and i n s p ecting work of assigned personnel
- Develops and maintains various electrical preventative maintenance programs and protocols related to Authority assets, equipment and facilities
- Ability to provide excellent customer service to internal and external customers
- Ability to perform other assigned duties as required

III. REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

- Expert level knowledge of electrical field
- Full understanding of relevant Authority policies and procedures
- Knowledge of all relevant federal, state, local and Authority safety regulations and procedures
- Knowledge of state laws pertaining to the operation of motor vehicles on public roadways
- Complies with all requirements of Federal Drug & Alcohol Testing Program at all times
- Ability to lead work crew, coach employees and provide on-the-job training
- In order to be classified at this level, individuals must be recognized as fully competent based on external accreditation and certification in addition to his/her license
- Ability to work independently on complex electrical system diagnosis and repair
- Knowledge of procurement procedures
- Ability to read and interpret construction drawings, wiring diagrams and specifications
- Ability to read work orders and translate them to work plans
- Must be capable of lifting and carrying up to 50 pounds at least 20 yards
- Must be capable of performing around hazardous situations such as moving heavy equipment, in and around equipment, at heights, on steep grades, and on ladders and uneven surfaces

- Must be capable of wearing appropriate personal protection equipment such as hard hats, protective shoes and clothing, aprons, gloves, eye wear, hearing protection and respirators
- Must be capable of performing repetitive motions such as grasping, reaching, bending, lifting, twisting, pushing, pulling and climbing
- Ability to work in a variety of adverse weather conditions including extreme heat or cold and/or emergency conditions
- Effective oral and written communication skills (including listening skills)
- Strong interpersonal and relational skills with the ability to establish and maintain effective professional relationships with Authority personnel and external to customers, vendors, etc.; provides the highest level of customer service and professionalism to all internal and external customers
- Ability to perform other assigned duties as required

IV. TYPICAL WORK ENVIRONMENTS

- Landscaping and grounds keeping
- Roadways, airports, and bridges
- Custodial/general building maintenance
- Painting/rigging
- Vessel maintenance
- Piers, docks, and wharfs
- Crafts (i.e., carpentry, electric, automotive, HVAC)
- Emergency response (i.e., snow removal)
- Heavy Equipment

V. REQUIRED EDUCATION AND EXPERIENCE

- High school diploma/equivalent or equivalent related years of experience
- Seven (7) years of relevant experience in electrical field; ten (10) years preferred
- Vocational training preferred including successful completion of a registered apprenticeship program

VI. LICENSES, REGISTRATIONS, AND CERTIFICATES

- Valid driver's license
- Must obtain a Class B CDL with tanker endorsement within six (6) months
- Must possess a journeyperson or master equivalent license in good standing issued by a state, US territory or District of Columbia licensure authority

VII. ADDITIONAL REQUIREMENTS

- Candidates are subject to a pre-employment physical, drug test and background investigation
- The Delaware River and Bay Authority requires all employees to have direct deposit with a financial institution or enroll in the payroll card program to receive their bi-weekly pay
- Employees holding a valid CDL must be able to obtain and keep current a Medical Examiner's Certificate and will be subject to random drug and alcohol testing in accordance with Federal and State regulations
- Must be willing and available for duty at such hours, day or night, as may be required in order to maintain continuous operation of this facility

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If you are interested in applying for this position, please use the QR Code link below to login or scroll down and locate the "Sign Up" button to create a username/password and access the employment application for this position. Once you complete the online application, please attach a current resume.

The Delaware River and Bay Authority is an Equal Opportunity Employer