

**PANAMA CITY-BAY COUNTY AIRPORT AND INDUSTRIAL DISTRICT  
NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT**

**JOB DESCRIPTION**

**CLASSIFICATION:** Electrician

**DEPARTMENT:** Maintenance

**SUPERVISOR:** Maintenance Manager

**EFFECTIVE DATE:** October 1, 2025

**PAY LEVEL:** 107 (\$50,144.09 - \$90,259.35)

**PAY CLASSIFICATION:** Non-exempt

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**DEFINITION:** Airport maintenance worker performing skilled electrician work in the maintenance and repair of the airport terminal building, airfield, and other airport buildings. Works closely with department management to ensure a safe, efficient, and passenger friendly airport environment. Oversees and manages the electrical maintenance program for all Airport owned facilities. Responsible for the maintenance, installation, and repairs of all electrical systems throughout Airport facilities. Trains maintenance staff on electrical safety and arc flash procedures, proper electrical troubleshooting techniques, and electrical tool usage. Work independently, but under general supervision.

**EXAMPLES OF DUTIES:** Perform journeyman-level electrical work on all Airport electrical systems and related components. Oversees and performs maintenance and repair on all airfield lighting vault and electrical systems and equipment at all Airport owned facilities. Performs maintenance and repair work on high voltage airfield lighting circuits. Work includes normal maintenance such as bulb change out, cleaning, transformer replacement and lens replacement, as well as emergency fault locating and repair to include pulling and repairing airfield power and control cables. Performs maintenance and repairs on constant current regulators and their associated monitoring systems. Responsible for testing and maintaining uninterruptible power supply, emergency backup generators, distribution switchgear, lighting and controls, motor control centers, power monitoring equipment, and infrared testing on all power distribution equipment. Utilizes Airport purchasing procedures to acquire materials and supplies as needed. Makes budget recommendations for upgrades and design improvements.

Works with staff on airfield lighting and trains them on safety and maintenance of the lighting systems. Troubleshoots and repairs the main electrical system, maintain tests and general up-keep of the generator system for airfield lighting and record keeping. Works with staff on updates and upgrades needed for airfield lighting. Understands and works with a 3-phase input power with regulators.

Conducts electrical systems inspections and keeps inspection records for all NFPA regulated codes.

Performs other duties as assigned. Nothing in this job description restricts management's right to

assign or reassign duties and responsibilities to this position at any time.

**QUALIFICATIONS:** Graduation from an accredited high school or possession of an acceptable equivalency diploma. Five (5) years' experience in commercial/industrial electrical work. Education from an accredited college, university, or technical school in an electrical field can be substituted on a one year for one-year basis for required experience. Possession of a valid Electrician License preferred. Must possess a valid Florida driver's license. CDL highly desirable.

**MISCELLANEOUS REQUIREMENTS:** Must pass pre-employment drug testing as well as periodic testing in accordance with airport policy; must pass a 10-year, fingerprint-based, criminal history records check as required by the Transportation Security Administration. Schedule may require shift-work to include evenings, weekends, and holidays to meet the needs of the airport. Subject to emergency call-out.

**WORKING ENVIRONMENT:** Both indoor and outdoor working environment with exposure to dust and pollen; subject to a variety of extreme weather conditions; exposure to constant noise as well as fumes and odors; susceptible to mechanical, chemical, electrical, as well as other safety hazards associated with the repair, maintenance and operation of an airport.

**PHYSICAL DEMANDS:** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

**SUMMARY:**

**Occasionally** - Lift/Carry: up to 50 lbs., Push/Pull: up to 50 lbs., Kneel, Climb, Crawl, Reach above Shoulder and Reach Outward, Drive

**Frequently** - Lift/Carry: 20 - 35 lbs or less., Push/Pull: 20 – 35 lbs or less., Bend, Twist/Turn, Stand

**Constantly** - Hand/Fine Motor Skills, Walk, Sit, Type/Keyboard

**DISCLAIMER:**

*The examples above are illustrative and not intended to describe every function which may be performed by this job class. The omission of specific duties does not preclude management from assigning specific duties not listed, if such duties are a logical assignment to the position.*