



## TAA HUMAN RESOURCES DEPARTMENT JOB ANNOUNCEMENT

# Electrician

### About the Electrician Position

The Tucson Airport Authority is looking for an Electrician, who under minimal supervision and administrative direction is responsible for maintaining security overhead lighting, low and high voltage building and airfield electrical systems equipment at Tucson International Airport (TUS) and Ryan Airfield (RYN). This position will ensure that TUS and RYN are in compliance with Federal Aviation Regulations (FAR) Part 139 and/or other applicable federal regulations and safety standards.

### Job Requirements

Candidate must have a high school diploma or equivalent; completion of a federally approved electrical apprenticeship program, three years' field experience, and experience in an airport environment (preferably at a small or medium hub FAR Part 139 airport is desirable).

### Salary

Annual starting rate: \$52,228.80 - \$67,912.00

Depending on qualifications, the top of the range is reserved for ideal candidates who closely match TAA's business needs.

### TAA Benefits

Arizona State Retirement System, choice of 3 Deferred Compensation Programs, Paid Vacation, Paid Sick Leave, 10 Paid Holidays choice of 2 Medical Plans, choice of 2 Dental Plans, Vision Insurance, TAA Paid Life/AD&D Insurance, TAA Paid Short-Term Disability Insurance and Employee Paid Supplemental Life Insurance.

### About the Tucson Airport Authority

The Tucson Airport Authority (TAA) is a unique nonprofit organization developed by business leaders, and created through Arizona state charter in 1948; it is certified to operate an airport system that consists of Tucson International Airport (TUS) and Ryan Airfield (RYN). In addition to serving general aviation and military users, TUS serves the commercial passenger and air cargo needs of metro Tucson, southern Arizona and northern Sonora, Mexico. RYN serves a general aviation reliever airport for TUS and is popular amongst transient pilots for recreational use.

**Mission Statement:** Promote aviation and foster economic development by strategically planning, developing and operating the most effective and efficient airport system in Southern Arizona.

### The Airport System

**Tucson International Airport (TUS)** is a commercial service international airport serving air carrier, cargo, military users and general aviation operators. TUS serves over 3.5 million passengers annually. TUS, is about 8 miles south of the city's central business district, encompasses about 8,400 acres. The airport campus includes 130 building with nearly 2.5 million square feet of space, and about 60 tenants.

**Ryan Airfield (RYN)**, is a general aviation reliever airport serving general aviation and military users. RYN is located about 12 miles west of Tucson, covers 1,800 acres and accommodates 30 tenants providing a wide variety of services for general aviation and military users.

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### How to Apply

Please visit the TAA website at [www.flytucson.com](http://www.flytucson.com) to complete the online application. Questions regarding this position or the hiring process should be directed to Sharon Sutton in the Human Resources Department at 520-573-4882 or email at [ssutton@flytucson.com](mailto:ssutton@flytucson.com).

**Title:** Electrician

**Reports To:** Senior Maintenance Supervisor, Airfield

FLSA Code: Non-Exempt

Grade: TBD

Approved: ARV

Approved: DB 7/31/18

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**Distinguishing Characteristics:**

Under minimal supervision and administrative direction, is responsible for maintaining security overhead lighting, low and high voltage building and airfield electrical systems equipment at Tucson International Airport (TUS) and Ryan Airfield (RYN); ensure that TUS and RYN are in compliance with Federal Aviation Regulations (FAR) Part 139 and/or other applicable federal regulations and safety standards, respectively. Provide responsive and exceptional customer service.

**Essential Functions:**

The following functions and all other functions not included in this job description are to be performed in the best interests and for the greater good of TAA.

- Perform preventative, predictive and corrective maintenance repair and alterations on airfield and facilities low and high voltage (up to 480v) electrical equipment; remain in compliance with all FAA regulations and Advisory Circulars, Transportation Security Administration (TSA) Standards and other applicable regulations.
- Follow appropriate policies, practices and procedures; ensure staff utilizes proper tools, equipment and methods to safely complete all electrical tasks; properly use electrical test equipment in the field; ensure that work performed by the department satisfies workmanship standards.
- Ensure and maintain all electrical equipment and vehicles are in good working order; ensure and maintain the shop areas; perform general preventive maintenance on all ground support and small power tool equipment, maintain all tools required to perform maintenance and repairs, and maintain all TAA owned or leased equipment in a clean and proper manner.
- Ensure when performing jobs that all required materials and supplies are obtained to complete tasks in a timely and efficient manner.
- Read, review and understand technical manuals, repair manuals, blueprints and schematic drawings, Safety Data Sheets regarding chemical substances and safety related information; training documents; and, supply lists.
- Complete all assignments in a timely and efficient manner; maintain accurate and correct work records for all required functions.



- Respond to requests for assistance from airport employees, the general public, and tenants, regarding electrical maintenance problems, and equipment malfunctions.
- Ensure that all personnel closely adhere to TAA's hazardous waste and environmental programs; ensure and use chemicals in accordance with TAA, federal and state laws, and regulations; clean up job site; remove debris and trash, properly contain, and dispose.
- Submit reports to supervisor on the repair and/or replacement of equipment.
- Keep supervisor apprised of work being performed.
- Research, locate, price and submit appropriate information regarding the purchase of necessary parts and tools.
- Maintain work records in accordance with department policies.
- Maintain and accurately account for all TAA owned tools in a clean and proper manner.
- Respond to emergency situations and needs, as requested; take direction from Incident Command, as directed (emergency management).
- Perform FAR Part 139 inspection duties, as required, by special circumstances or requested by Airside Operations.
- Attend seminars and conferences and communicate appropriate information; continually learn and apply the latest up-to-date technical knowledge and skills in functional area of responsibility; take initiative for on-the-job learning experiences, as well as seek out formal education and coursework for continuous growth and development.

The above listed functions are not necessarily all the essential functions. Job duties and functions may be expanded or reduced by management based on future changing needs and job requirements.

### **Position Requirements:**

A high school diploma or equivalent; completion from a federally approved electrical apprenticeship program, three years' field experience, and experience in an airport environment (preferably at a small- or medium- hub FAR Part 139 airport is desirable).

### **Required Knowledge, Skills, and Abilities:**

#### **Knowledge of:**

- Materials, means and methods of electrical systems, control and grids.
- Equipment and tools used in the electrical trade.
- Electrical code 70E, Safety in the Workplace.
- Federal Aviation Administration (FAA) FAR Part 139, Advisory Circulars (AC's), and Transportation Security Administration (TSA) Standards.
- The organization-wide mission and goals, and how these relate to division, department, team, and individual projects and initiatives.

#### **Skill in:**

- Organization, oral, written communication and critical thinking.
- Self-motivation and taking initiative to complete quality work that furthers the mission and goals of the department and TAA.

## **Ability to:**

### **Schedule**

- Work assigned shifts, including day/evening/weekends/holidays, subject to overtime and on-call, as required.

### **Environmental Conditions**

- Work in high-noise environment; and extreme seasonal weather.

### **Physical Requirements**

- Perform tasks with a full range of bodily movements, including lifting, moving, pushing, standing (for periods of two to three hours at a time), walking, reaching, stretching, bending, kneeling, twisting, and crawling.
- Perform repairs that require regular and prolonged bending, and pulling of equipment on irregular surfaces; climb/work at heights of up to 40 feet, using small or large tools to repair equipment.
- Lift large, bulky, heavy items, including various equipment parts weighing up to 80 lbs. with or without assistance, and/or using equipment (dollies, lifts).
- Have hand dexterity to maintain a strong grip to hold objects firmly for extended periods of time (tools, equipment, etc.).
- Communicate in English via telephone, radio, and cellular telephone, in a high noise environment, with sufficient clarity to be understood by others.
- Distinguish colors by a practical test in all lighting conditions of standard airport lighting system colors and Air Traffic Control Tower light-gun signals, and identify fuel grade color code markings, and actual samples of various fuels.
- Hear and understand through both ears, sounds coming through a radio, a standard telephone receiver, or other outside sound sources.
- Read, write, and speak the English language in an articulate, fluent manner, ability to speak Spanish or another second language is helpful, but is not required.

### **Mental Requirements**

- Interpret and analyze complex technical data and information for decision-making and reporting purposes, including decision-making in stressful situations.
- Remain focused and decisive in stressful situations; use sound and effective judgment.

### **Tools, Vehicle or Equipment Operation**

- Operate any airport vehicle or equipment, whether standard or automatic, including pick-ups and lift-trucks, as necessary.

### **General**

- Be sensitive and aware of actions and reactions of employees, tenants, and outside agencies, and inform supervisor of appropriate concerns, as necessary.
- Perform tasks with a high degree of accuracy, attention to detail, with mature judgment, function in compelling, high stress, fast-paced work environment,



with deadlines and multiple projects; initiate and organize responsibilities without supervision, and to take independent action relative to work problems requiring immediate solutions.

- Research information and organize data in meaningful form, make sound judgments, draw accurate conclusions, and make appropriate recommendations.
- Use Microsoft office software, and various office machines.
- Establish and maintain effective and positive working relationships with department personnel, other TAA personnel, and outside agencies.
- Exercise effective customer service and public relations practices and procedures.
- Maintain discreet and professional sense of confidentiality; understand that dissemination of information outside of job requirements is based on "need-to-know" and will subject employee to loss of employment and/or criminal prosecution.
- Engage in self-improvement activities, and training.
- Understand own strengths and weaknesses; seek input from supervisor and peers about how to improve, and to focus on continuous self-improvement activities.

#### **Licenses; Certificates; Special Requirements:**

- Obtain Class B Commercial Drivers Permit with airbrake endorsement within one month of employment.
- Obtain and maintain a Class B Commercial Drivers' License (CDL) within four months of employment.
- Obtain and maintain the ability to drive airport vehicles on the Non-Movement Area and Movement Area of the Air Operations Area.
- Must obtain and maintain access to the Security Identification Display Area (SIDA).
- Must successfully earn AAAE ACE Airfield Lighting certification within one year of employment.
- Must successfully complete the National Incident Management System (NIMS) 100, 200, 700 and 800 course requirements and certification within 24 months of employment.
- As an employee, you are deemed to be essential personnel as part of TAA's emergency response, and must respond to airport incidents as requested/required.

The above statements are intended to describe the general nature and level of the work being performed by people assigned to this position. This is not an exhaustive list of all duties and responsibilities. Tucson Airport Authority reserves the right to amend and change responsibilities to meet business and organizational needs as necessary. Employee(s) will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments. Directly related experience/education beyond the minimum stated may be substituted where appropriate.

I have read and agree that the contents of this job description accurately reflect what is expected of me in this position.

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Employee's Signature

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Date

1/03  
Rev 2/07; 9/09; 1/10; 12/14; 10/16; 11/16; 12/16; 7/18