City of Fresno **310171**

AIRPORTS SYSTEMS TECHNICIAN

DEFINITION

Under general supervision, performs skilled work monitoring, installing, altering, maintaining and repairing Baggage Handling System (BHS) Controls, Domestic Water Controls, Energy Management Control Systems, Storm Water Control Systems, Autoclave Controls, access control system-managed electronic door and gate hardware, Passenger Boarding Bridge Controls, as well as a variety of other electrical equipment within the City of Fresno Airports Department. In coordination with Information Services Department (ISD), support and maintain field-level hardware components of the Airports' Security Systems.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from division manager or designee. Exercises no supervision.

DISTINGUISHING CHARACTERISTICS

This class is a specialized and advanced working class which performs complex tasks involving the installation, troubleshooting, repair, and maintenance and restoration of control systems and equipment, electronic devices on doors and gate equipment, boarding bridge PLC controls, baggage handling systems, security system hardware components, and a variety of equipment used at the Airports Department.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include, but are not limited to, the following:

Responds to system outages or impacts as the first line of defense to troubleshoot issues and restore service.

Services and repairs a wide variety of complex control systems, equipment and electronic circuits.

Provides technical feedback to the division manager during all phases of installation, maintenance and repair being performed.

Analyzes operating control systems and performance.

Installs, repairs, services, and troubleshoots all operating control systems

May assist Computer Systems Specialists, Network Systems Specialists, Airports Electricians and Airports Building and Maintenance Technicians on collaborative assignments.

Coordinates with airport departments and the Information Services Department as appropriate to ensure continuity of service.

Performs other duties as assigned.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Reading and understanding blueprints, and electrical schematics.

Proficient in the termination of copper cable.

The use of tools and equipment required for the support of the variety of systems in use at the Airports Department. Including, but not limited to, power tools, analog and digital multimeters, and other service and diagnostic tools.

Airport rules, regulations, procedures.

Safety policies and safe work practices.

Skill/Ability to:

Operate modern office equipment including computer equipment.

Operate a motor vehicle safely.

Occasionally lift up to fifty (50) pounds independently, and up to one hundred (100) pounds with assistance, with or without reasonable accommodation.

Work independently and in a team environment.

Interact professionally with airport staff, users, outside vendors, and airport tenants.

Establish and maintain effective working relationships with those contacted in the performance duties.

Adapt to new changes in the working environment.

MINIMUM QUALIFICATIONS

Two (2) years of experience working with any combination of mechanical/conveyor systems, energy management controls, security system hardware components, people moving systems and controls or related systems.

Special Requirement(s):

Possession of a California class C driver's license is required at the time of appointment and must be maintained through entire term of employment in this class.

Ability to pass a TSA-mandated Criminal History Records Check (CHRC) and Security Threat Assessment (STA).

Prior to appointment, positions in Airports require successful completion of a Federal Aviation Administration (FAA) 10-year employment history verification, which includes a criminal history records check

APPROVED: *(Signature on File)* DATE: 1/6/2026
Director of Personnel Services

NEW: SM:ek 12/22/2025