

DEFINITION:

Under general supervision, performs a wide variety of unskilled and semi-skilled work on airport facilities.

DISTINGUISHING CHARACTERISTICS:

This is a classification represented by the I.B.E.W. Maintenance bargaining group.

EXAMPLES OF DUTIES:

NOTE: The following are the duties performed by employees in this classification. However, employees may perform other related duties. Duties listed are not necessarily performed by each individual in the classification:

1. Maintenance and repair of buildings, grounds, runway, taxi-way, and aircraft parking area surfaces to include paint striping, lighting systems and tie-down ropes in accordance with Part 139 regulations.

Measures: Airfield facilities meet operational and safety standards and pass the test of annual FAA formal inspection.

2. Maintenance and repair of terminal buildings, and perimeter security fencing as necessary; respond to numerous tenant problems and complaints.

Measures: Maintenance and repair work orders will be carried out promptly in accordance with appropriate building codes, City regulations and FAA regulations. Tenants enjoy consistent and reasonable support.

3. Installation and maintenance of landscaped areas at the two City owned airports.

Measures: Installation of many expensive trees, plants and shrubs according to seasonal needs. Landscaped areas maintained according to schedule and aesthetic demand.

4. Performs related duties as assigned.

## QUALIFICATIONS:

### Knowledge of:

FAA regulations regarding safety, security, and FAA radio controlled ground movement on the airfield operations area. Safe operation of hand tools, portable power tools and vehicles. Basic electrical, plumbing, sheet metal and landscaping maintenance and repair techniques.

### Ability to:

Interact effectively with the public, tenants and employees. Operate equipment such as forklift, two-axle trucks, brush chipper, tractor/mower, portable power tools, and safely operate City vehicles. Employee shall be capable of performing duties safely, with skill, diplomacy, and efficiency.

### Education:

Any combination of training and experience that provides the required knowledge, skills, and abilities is qualifying; typical education would include a high school diploma or equivalent.

### Experience:

Typical experience would include semi-skilled facility maintenance and construction work or park maintenance.

### Special Requirements:

Possession of a valid California driver's license, or the ability to acquire one within ten days of appointment.

### Working Conditions:

Date of study: January 1991. The following duties have been identified as the critical job elements for the **AIRPORT MAINTENANCE LEAD WORKER** classification. The Med-Tox Physical Standards Study established several task statements for each physical ability; the task statements selected below are based on the (1) Significant level of physical ability required to perform the task, (2) the high level of rater agreement - reliability, (3) the frequency with which the task is performed and (4) the high degree of criticality and importance raters assigned to the task.

Incumbents in this classification are required to work outdoors in a variety of extreme weather conditions.

**STATIC STRENGTH:** Lift a 90-lb. bag of cement to place it in the back of the truck.

**EXPLOSIVE STRENGTH:** Swing a sledge hammer to break loose parts of broken pipe.

**DYNAMIC STRENGTH:** Continuously dig for two hours using a shovel.

**TRUNK STRENGTH:** Continuously bend over in a confined space to cut out broken pieces of a main and bolt in new parts.

**STAMINA:** Shovel gravel for two hours.

**EXTENT FLEXIBILITY:** Lay on your back and hold up a check valve to bolt in place.

**DYNAMIC FLEXIBILITY:** Bend and stretch while shoveling asphalt and sand.

**SPEED OF LIMB MOVEMENT:** Slam on brakes of vehicle to avoid a road hazard.

**WHOLE BODY COORDINATION:** Climb up a canyon.

**WHOLE BODY EQUILIBRIUM:** Climb in and out of a muddy slippery hole to repair a water main.

**ARM-HAND STEADINESS:** Cut a straight line with a skill saw.

**MULTI-LIMB COORDINATION:** Operate the hand controls of a tractor mower.

**MANUAL DEXTERITY:** Coordinate arm and hand movements while painting with a brush.

**FINGER DEXTERITY:** Put nuts and bolts together.

**NEAR VISUAL ACUITY:** Read the operating instructions on equipment.

**FAR VISUAL ACUITY:** See the hand signals of another worker from a distance of 150 feet.

**COLOR DISCRIMINATION:** Recognize if turf has a problem by color.

**HEARING QUIET:** Hear voice over telephone in a quiet office environment.

**HEARING NOISY:** Hear a flag man yell "car" to you over the sounds of maintenance operations.

**HEARING LOCATION:** Hear from what direction moving equipment is operating.

**HEARING DISCRIMINATION:** Hear warning back up alarms on a piece of equipment.