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Class Specifications
for the Class:

AIRPORT MAINTENANCE REPAIRER I

Duties Summary:

Performs a variety of skilled maintenance and repair work in the upkeep of the facilities, equipment, and aircraft operational and other areas of a primary airport; and performs other related duties as assigned.

Distinguishing Characteristics:

This is the competent worker level in the series, and is characterized by the independent performance of a variety of maintenance and repair work with respect to navigational aids, electrical light fixtures and appliances, plumbing, terminal buildings and other structures, irrigation systems, sidewalks and other pavement, motorized vehicles and other facilities/equipment pertinent to a primary airport involving knowledge and skills characteristic of the building and related trades. The work includes the periodic inspection of aircraft operational and other areas to assure safe operating condition, directing transient aircraft to parking areas, providing escort on runways for construction and other vehicles, and assisting in the ground movement of aircraft in emergencies.

This class differs from the class Airport Maintenance Repairer II in that the Airport Maintenance Repairer I performs maintenance and repair work with respect to a primary airport and may occasionally lead the work of airport maintenance repairer and/or other equivalent workers but typically confines supervision to lower-level personnel; whereas the Airport Maintenance Repairer II, in addition to performing maintenance and repair work as a major work assignment with respect to a primary airport, also has continuing responsibility on supervising the work of several airport maintenance repairers including setting the pace and quality of workmanship and demonstrating proper work methods.

Examples of Duties:

Conducts daily inspection of runways, taxiways and adjacent areas; removes debris and other material from aircraft operating areas, checks markers, windsocks, windtees, beacon lights and other navigational aids; checks buildings, equipment and ground to locate conditions indicating the need for repair and maintenance work; makes building repairs including cold patch of roof leaks, and replacing shingles; cuts and replaces door and window panes;

adjusts and re-hangs doors; repairs or replaces door locks, bathroom accessories, toilet seats, etc.; performs woodwork such as removing and replacing shelves, cabinets, sink tops and partitions, and repairs benches and other furniture; patches or replaces cement floors, concrete and asphaltic concrete walks and drives; asphalt tiles, linoleum floor covering, etc.; sands, paints or stains and varnishes doors, walls, window sashes, screen frames, furniture and new construction; builds forms for concrete and repairs fences and gates; mixes mortar and repairs walls; stripes runways, taxiways and parking areas; may replace electrical fixtures, fuses, drop cords, and switches; replaces broken pipes, gaskets, packings, washers, hose bibbs, faucets and closet tank fixtures; installs wash basins, closet tank and bowls; unclogs drains and sewers; sweats copper pipe joints and fittings, and uses both oxyacetylene and electric arc welding equipment to cut and weld pipes and angle braces; repairs or installs plastic irrigation pipes and fittings; services, lubricates, and regulates such equipment as water heaters, ventilating and air-conditioning units, electrical water coolers, portable generators, etc.; checks motor vehicles and may perform minor maintenance and services; estimates cost, time and materials needed for repair and maintenance work to be performed; reports need for major repairs; uses a variety of hand and power tools and equipment in the performance of work; operates a vehicle in the transportation of materials; cleans, sharpens and services tools and equipment used in the work; completes time, inventory and other work records; and may perform ground maintenance work in maintaining plantings and applying herbicides.

Minimum Qualification Requirements:

Experience and Training: Four years of work experience in performing a variety of building maintenance and equipment repair work or an equivalent combination of experience and training.

Knowledge of: Basic practices and methods used in building and equipment maintenance and repair, including safety procedures; and common tools, equipment, and materials used in the carpentry, painting, plumbing and masonry trades.

Ability to: Determine need for repairs involving a variety of building trades; use hand tools utilized in a variety of building trades; read blueprints and sketches; estimate time and material needed to perform typical repairs; make mechanical repairs to equipment and appliances of a primary airport following manufacturer's manual; understand and follow oral and written instructions, including learning operational requirements and rules/regulations of a primary airport pertinent to the work.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require the ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Handicaps in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition which would cause applicants to be a hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

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This is the first specification for the new class AIRPORT MAINTENANCE REPAIRER I.

Effective Date: December 16, 1983

DATE APPROVED: 1/14/84

JAMES H. TAKUSHI
Director of Personnel Services