DENVER
THE MILE HIGH CITY

Office of Human Resources
Airport Maintenance Technician – CJ3494

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General Statement of Duties

Performs standard level routine and minor trades work in the installation, repair, or maintenance of city facilities or related equipment including working on standard or routine trades work while assisting one or more skilled or licensed trades.

Distinguishing Characteristics

The Airport Maintenance Technician is an entry level classification with progressive levels of experience and responsibility. The employees in this series (located at Denver International Airport) operate in the Federal Aviation Administration (FAA), Air Operations Area (AOA) which requires additional levels of security background checks and airfield driving certifications. Additionally, employees in this series perform maintenance services that must meet the unique compliance requirements of federal rules, regulations, and policies associated with airfield maintenance such as CFR Part 139 and FAA Advisory Circular 150/5380-6C.

This class is proficient across a variety of trades areas but is not the expert in a particular trade nor are they required to perform journey-level work in a skilled or licensed trade area. Trade areas may include construction, welding, cement finishing, painting/marking, graphics, minor mechanical maintenance, minor electrical, minor plumbing, or minor HVAC (heating ventilating, and air conditioning).

This classification has responsibility to ensure the safety and security of the airport under Title 49 CFR Part 1542 which include but are not limited to: submitting to fingerprint-based criminal history records checks (CHRC), successfully pass annual TSA-approved security training, exercise authority to escort individuals who do not have unescorted access to secure/sterile areas, identify and challenge individuals without appropriate credentials and identify and report suspicious activity to proper authorities.

Essential Duties

Performs work not requiring a license on a regular basis in one or more trades areas including welding, linear construction (asphalt and cement), maintenance, locksmith, tool machinery, paint/markings, and graphics.

Installs, maintains, and repairs roadway structures to include roadway shoulders, guardrail, fencing, and signage.

Assists with repair of airfield asphalt and concrete surfaces.

Assists with vegetation management and eradicating and controlling invasive weed species.

Assists with monitoring and managing various forms of wildlife that are incompatible with airport operations (e.g., prairie dog colonies, birds, and deer).

Assists with barricades, signage, lighting, and any other appropriate device is in place to prevent an unauthorized aircraft, vehicle, or person from entering a closed runway, taxiway, or service road.

Performs operator maintenance of vehicles and equipment by washing and servicing vehicles with water, oil, and fuel, performs basic maintenance, and makes minor running repairs.

Responds to airfield emergencies and provides support, including escort of first responders in support of the emergency response plan.

Participates in airfield snow removal duties and operates large, complex specialized industrial equipment in accordance with the nature of the work and the efficiency of airport specific multifunctional snow removal equipment.

By position, operates and maintain lightweight vehicles and equipment.

By position, prepares and maintains irrigation and sprinkler systems for seasonal use.

Participates in airfield snow removal duties.

Responds to afterhours calls or emergency calls outside of normal scheduled or business hours.

By position, assists intermediate and journey level technicians in the construction, maintenance, and repair of a variety of machinery, equipment, and facility systems and structures (e.g., Electrical, HVAC, Plumbing, etc.).

Performs other related duties as assigned.

Employees may be re-deployed to work in other capacities in their own agencies or in other City agencies to support core functions of the City during a City-wide emergency declared by the mayor.

Any one position may not include all the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.

Competencies

Technical Competence- Uses knowledge that is acquired through formal training and/or extensive on-the-job experience to perform one's job; works with, understands, and evaluates technical information related to the job; advises others on technical issues.

Problem Solving - Identifies problems; determines accuracy and relevance of information; uses sound judgment to generate and evaluate alternatives, and to make recommendations.

Oral Communication - Expresses information to individuals or groups effectively; considering the audience and nature of the information; makes clear and convincing oral presentations; listens to others, attends to nonverbal cues, and responds appropriately.

Mathematical Reasoning – Understanding of basic math that will be used on the job including counting, adding, subtracting, and multiplying.

Reading – Understands and interprets written material, including technical materials, rules, regulations, instructions, reports, charts, graphs, or tables; applies what is learned from written material to specific situations.

Interpersonal Skills – Shows understanding, friendliness, courtesy, tact, empathy, cooperation, concern, and politeness to others and relates well to different people from varied backgrounds and different situations.

Self-Management – Sets well-defined and realistic personal goals; displays a high level of initiative, effort, and commitment towards completing assignments in a timely manner; works with minimal supervision; is motivated to achieve; demonstrates responsible behavior.

Knowledge & Skills

Knowledge of CFR Part 139 rules/regulations and FAA Advisory Circulars.
Knowledge of airport emergency response procedures.
Knowledge of machines and tools including their designs, installation, uses, repair, and maintenance.

Knowledge of materials, methods, and the appropriate tools to construct objects, structures, and buildings.
Knowledge of materials, methods, and tools to apply paint and other protective coating materials on drywall, wood, metal, glass, and other surfaces.

Level of Supervision Exercised

None

Education Requirement

Graduation from high school or possession of a GED, HiSET or TASC Certificate.

Experience Requirement

One (1) year of experience performing a variety of duties in construction, mechanical, or maintenance.

Education and Experience Equivalency

A combination of appropriate education and experience maybe substituted for the minimum education and experience requirements.

Licensure and/or Certification

Requires a valid Driver's License at the time of application.
Required to obtain and maintain Airport ID badge and LAR driving privileges.
Licenses and certifications must be kept current as a condition of employment.

Working Environment

Atmospheric Conditions: conditions that affect the skin, eyes, or respiratory system.
Potential exposure to chemicals, gas.
Potential exposure to cold temperature, cold enough to cause bodily discomfort.
Potential exposure to cold weather conditions (indoor/outdoor).
Potential exposure to conditions that affect the skin or respiratory system.
Potential exposure to extreme temperature changes.
Potential exposure to hazardous anesthetic agents, body fluids, and bio-wastes.
Potential exposure to hazardous conditions where there is a danger to life, body, and/or health.
Potential exposure to hazardous/toxic chemicals.
Potential exposure to hazards from electro/mechanical/power equipment.
Potential exposure to hazards of steam and heat.
Potential exposure to heat temperatures, hot enough to cause bodily discomfort.
Potential exposure to hot and humid work environment.
Potential exposure to humid conditions with high moisture content to cause bodily reactions.
Potential exposure to infections and contagious diseases.
Potential exposure to odorous chemicals.
Potential exposure to the risk of blood borne diseases.
Potential exposure to temperature changes: variations in temperature from hot to cold.
Potential exposure to toxic chemicals.
Handles emergency or crisis situations.
Noise sufficient to cause distraction or possible hearing loss.
Personal Safety: aware of surroundings, people, and events.
Pressure due to multiple calls and inquiries.
Subject to electrical and radiant energy hazards.
Subject to hazards of flammable or explosive gases.
Subject to injury from moving parts of equipment or vehicles.
Subject to precarious or high locations.
Subject to long, irregular hours.

Subject to many interruptions.
Subject to pressure for multiple calls, inquiries, and interruptions.
Subject to varying and unpredictable situations.
Subject to vibrations and strain on the body to cause bodily harm if endured daily.
Temperature Changes: variations in temperature from hot to cold.
Temperature Changes: variations in temperatures from hot to cold when works in field.
Wet: frequent contact with water, liquid, chemicals, or sanitary sewage.
Works in confined, uncomfortable, or awkward locations.
Works in precarious or high locations.

Level of Physical Demands

3-Medium (20 - 50 lbs.)

Physical Demands

Agility: Ability to move quickly and easily.
Balancing: Maintaining equilibrium.
Carrying: Transporting or moving an object.
Climbing: Ascending or descending an object or ladder.
Color vision: Ability to distinguish and identify different colors.
Crawling: Moving about in a low or crouched position.
Crouching: Positioning body downward and forward.
Depth Perception: Ability to judge distances and space relationships.
Eye/Hand/Foot Coordination: Performing work through using two or more body parts or other devices.
Feeling: Perceiving attributes of objects by means of skin receptors, communication, or otherwise.
Field of Vision: Ability to sharply detect or perceive objects peripherally.
Fine Dexterity: Sufficient coordination to operate a vehicle and manipulate objects.
Fingering: Picking and pinching, through use of fingers or otherwise.
Handling: Seizing, holding, grasping, through use of hands, fingers, or other means.
Hazards: Conditions where there is danger to life, body, and/or health.
Hearing/Talking: Perceiving and comprehending the nature and direction of sounds/ability to communicate ideas.
Hearing: Perceiving and comprehending the nature and direction of sounds.
Kneeling: Assuming a lowered position.
Lifting: Moving objects weighing no more than 50 pounds from one level to another.
Oral Comprehension: Ability to discern the meaning of oral speech.
Neck Flexion: Perceiving objects located above or below.
Physical Strength: Exerts force to transport objects of 50 pounds or more.
Pulling: Exerting force upon an object so that it is moving to the person.
Pushing: Exerting force upon on object so that it moves away from the person.
Pushing/Pulling: Transport and control traps and cages, animal foods, equipment.
Reaching: Extending the hands and arms or other device in any direction.
Repetitive motions: Making frequent or continuous movements.
Sitting: Remaining in a stationary position.
Stamina: Ability to work over long periods of time without tiring.
Standing: Remaining in a stationary position.
Stooping: Positioning oneself low to the ground.
Talking: Communicating ideas or exchanging information.
Vision Far Acuity: Ability to perceive or detect objects clearly at 20 feet or more.
Vision Near Acuity: Ability to perceive or detect objects at 20 inches or less.
Vision: Ability to perceive animal behavior, comprehend signs, and detect color.
Walking: Ability to move or traverse from one location to another.
Written Comprehension: Ability to discern the meaning of written words.

Background Check Requirement

Criminal Check
Employment Verification
Motor Vehicle Record
Security Threat Assessments (STA) inquiries

Assessment Requirement

None

Probation Period

Six (6) months.

Class Detail

Pay Grade: NE-10
FLSA Code: N
Established Date: 10/27/2024
Established By: AOF
Revised Date: 1/16/2026
Revised By: MF
Class History: 1/16/26 - Revised Licensure and/or Certification.