



Office of Human Resources
Airport Field Technician I – CJ3495
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General Statement of Duties

Performs entry to intermediate journey level construction, maintenance, and repair work on a wide variety of linear assets and federally regulated airport surfaces with a focus on asphalt, concrete, and earthwork projects.

Distinguishing Characteristics

The Airport Field Technician series is a 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.

The Airport Field Technician performs entry to intermediate level routine work while gaining the experience to operate at the full performance journey level. It is distinguished from the Airport Field Technicians II which performs full performance journey level work. It is differentiated from the Airport Field Technician Lead that performs permanently assigned lead work over lower-level staff and performs the duties of Level I or Level II technicians.

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

Prepares earth for asphalt paving operations in a wide variety of applications to include multi-lane roadways, taxiway aprons, runway shoulders, and parking lots.

Installs, repairs, and maintains asphalt surfaces through various methods to include patching, sealing and overlays.

Installs, repairs, and maintains concrete for curb and gutter, full panels, spalls, and foundations both on and off the airfield.

Installs and maintains ADA compliant pavements.

Constructs, maintains, and repairs roadway structures to include shoulders, guardrail, fencing, and signage. Performs lane closures and initiates construction zones to facilitate road work.

Ensures all notifications, 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 vegetation management by eradicating and controlling invasive weed species.

Repairs and revitalizes eroded areas and maintains water management areas to include ponds and channels.

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.

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

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.

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

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

Problem Solving- Identifies and analyzes problems; uses sound reasoning to arrive at conclusions; finds alternative solutions to complex problems; distinguishes between relevant and irrelevant information to make logical judgments.

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

Technical Competence - Uses knowledge that is acquired through formal training 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.

Working with People - Shows respect for the views and contributions of other team members. Shows empathy, listens, supports, and cares for others, and reconciles conflict.

Knowledge & Skills

Knowledge of CFR Part 139 rules/regulations and FAA Advisory Circulars.

Knowledge of airport emergency response procedures.

Knowledge of radio etiquette

Knowledge of machines and tools including their designs, installation, uses, repair, and maintenance.

Knowledge of materials, methods, and the appropriate tools to construct pavement.

Knowledge of hazardous materials and waste and their uses, interactions, dangers, production, handling, storage, and disposal.

Knowledge of procedures for operating motor vehicles including cars, trucks, or equipment.

Knowledge of motor vehicle engines, parts, and systems including their designs, uses, repair, and maintenance.

Knowledge of safety hazards and necessary safety precautions sufficient to be able to establish a safe work environment for self and others.

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 in construction, asphalt, or concrete repair.

Education and Experience Equivalency

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

Licensure and/or Certification

Requires a valid Commercial Driver's License (Class B with air brake endorsement) at the time of application.

Required to obtain and maintain a current DOT physical certification.

Required to obtain and maintain an Airport ID badge and LAR driving privileges.

Flagger certification is required at the time of application or within six months of probation.

Licenses and certifications must be kept current as a condition of employment.

Working Environment

Atmospheric Conditions: conditions that affect the skin.

Atmospheric Conditions: conditions that affect the skin or respiratory system.

Atmospheric Conditions: conditions that affect the skin, eyes or respiratory system.

Potential exposure to cement dust.

Potential exposure to chemicals and gas

Potential exposure to cold temperatures, 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 dust.

Potential exposure to extreme temperature changes.

Potential exposure to hazardous conditions where there is danger to life, body, and/or health.

Potential exposure to hazardous/toxic chemicals.

Potential exposure to hazards from electrical/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 pesticides or fertilizers.

Potential exposure to temperature changes: variations in temperature from hot to cold.

Potential exposure to toxic chemicals.

Potential exposure due to soil, plants, and insects.

Extreme cold conditions.

Handles absentee replacement on short notice.

Handles emergency or crisis situations.

Noise: sufficient noise to cause distraction or possible hearing loss.

Personal Safety: aware of surroundings, people, and events.

Pressure due to multiple calls and inquiries.

Subject to hazards of flammable or explosive gases.

Subject to injury from moving parts of equipment or vehicles.

Subject to injury from moving parts or equipment.

Subject to long, irregular hours.
Subject to many interruptions.
Subject to precarious or high locations.
Subject to pressure for multiple calls, inquiries, and interruptions.
Subject to varying and unpredictable situations.
Subject to: traffic, roadways, and pedestrians.
Subject to: vibrations and strain on the body to cause bodily harm if endured daily.
Temperature Changes: variations in temperature from hot to cold.
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 an 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 extended 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 Assessment (STA) inquiries

Assessment Requirement

None

Probation Period

Six (6) months

Class Detail

Pay Grade: NE-11
FLSA Code: N
Established Date: 10/27/2024
Established By: AOF
Revised Date:
Revised By:
Class History: New Classification.