



Office of Human Resources
Arborist Technician II - CJ2596

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General Statement of Duties

Performs full performance work in the field of arboriculture and general forestry work to support Denver's urban forest. This includes tree trimming, pruning, planting, transplanting, watering, fertilizing, tree removal, insect/disease identification, pest application, and inventory.

Distinguishing Characteristics

The Arborist Technician II performs full performance lead work over Arborist Technician I under general supervision whereas the Arborist Technician I performs standard level trimming, pruning, tree removal, planting, transplanting, watering, fertilizing, and applying pesticides to trees and shrubbery under normal supervision.

Essential Duties

Prunes dead, diseased, or broken limbs from trees utilizing rope and saddle, chainsaw, hand saw and other related equipment involved in large tree care (in excess of 70') and small tree maintenance.

Inspects and identifies tree diseases and insects and environmental stress. Takes samples from diseased or insect infested trees for laboratory analysis.

Observes and follows arboriculture industry standards, safety rules and regulations.

Oversees and ensures proper preparation and application of pesticides with low volume and/or high velocity spray equipment to prevent injury or damage to self, other employees, the public and the property.

Assists in the training of Arborist Technician I's.

Monitors the safety practices and corrects unsafe practices as needed.

Operates a wide variety of heavy and power equipment in trimming and removing trees and shrubbery, including a mobile aerial tower unit, log loader trucks, tandem trucks, crane trucks, water trucks, trash trucks, front end loaders, skid steers, tractors, stump grinders and chippers.

Maintain records and prepares daily activity reports.

Assists with developing or modifying work plans, methods and procedures; determines work priorities and develops work schedule to provide adequate staff coverage.

Provides work instruction and assists employees with difficult and/or usual assignments.

Assigns and distributes work, reviews work for accuracy and completeness and returns assignments with recommendations for proper completion.

Resolves problems encountered during daily operations and determines appropriate solutions.

Documents situations which may be cause for disciplinary action and provides this information to the supervisor.

By position, performs preventative maintenance and basic repair on equipment and machinery.

By position, may perform snow removal.

By position, may be required to be on-call to address emergent needs.

Performs other related duties as assigned or requested.

Any one position may not include all of 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

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.

Reasoning – Identifies rules, principles, or relationships that explain facts, data, or other information, analyzes information, and makes correct inferences or draws accurate conclusions.

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

Written Communication – Composes, reviews, edits, and issues written materials for diverse audiences and communicates purpose in a succinct and organized manner that is appropriate for context, time, and place.

Knowledge & Skills

Knowledge of arboricultural industry standards and practices to be able to train Arborist Technician I's.

Knowledge of safety practices and precautions to be able to supervise, train and provide safety instructions to subordinates and others. Recognize and correct hazardous situations.

Knowledge of tree defects and ability to perform risk assessment on trees.

Knowledge of tree identification.

Knowledge of pruning and removal methods of trees and shrubs, including climbing and rigging techniques.

Knowledge of biotic and abiotic tree issues to be able to recognize, identify and manage insect and disease in trees.

Knowledge of pesticides to be able to recommend proper treatment, recognize hazards and properly mix and apply.

Knowledge of proper maintenance techniques sufficient to be able to implement and perform maintenance and repair on equipment and machinery.

Skill in tree climbing with rope and saddle up to and beyond 70 feet and operating various sized chainsaws for extended periods of time.

Level of Supervision Exercised

By position, may perform leadwork.

Education Requirement

Associate's Degree in Botany, Urban Forestry, Forestry, Environmental Science, Horticulture or a related field.

Experience Requirement

Three (3) years of experience in tree identification, diagnosis and management of abiotic and biotic plant stresses and advanced tree pruning and removing techniques.

Education & Experience Equivalency

Additional appropriate experience may be substituted for the minimum education.

Licensure & Certification

This job requires driving. Requires a valid Driver's License at the time of application.

Requires a valid Driver's License (CDL) "B" with appropriate endorsements by the end of probation.

Requires the following licenses or certifications at the time of application or must obtain prior to completion of probation period.

- State of Colorado Department of Agriculture Certified Operator License
- International Society of Arboriculture (ISA) Certified Arborist Certification
- International Society of Arboriculture (ISA) Certified Tree Worker Climber Specialist or Aerial Life Specialist.

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

Working Environment

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

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

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

Potential exposure to hazardous/toxic chemicals.

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

Personal safety: aware of surroundings, people and events

Subject to burns and cuts.

Subject to injury from moving parts of equipment.

Subject to precarious or high locations.

Subject to varying and unpredictable situations.

Subject to: vibrations and strain on the body to cause bodily harm if endured daily.

Wet: frequent contact with water or other liquid.

Works in proximity to cavity dwelling mammals, and stinging insects.

Level of Physical Demand

4-Heavy (50-100 lbs.)

Physical Demands

(Physical Demands are a general guide and specific positions will vary based on working conditions, locations, and agency/department needs.):

Agility: Ability to move quickly and easily.

Balancing: Maintaining equilibrium.

Carrying: Transporting or moving an object.

Climbing: Ascending or descending an object or ladder.

Crouching: Positioning body downward and forward.

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.

Fingering: Picking and pinching, through use of fingers or otherwise.

Handling: Seizing, holding, grasping, through use of hands, fingers, or other means.

Lifting: Moving objects weighing no more than 100 pounds from one level to another.

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.

Reaching: Extending the hands and arms or other device in any direction.

Repetitive motions: Making frequent or continuous movements.

Standing: Remaining in a stationary position.

Stooping: Positioning oneself low to the ground.

Walking: Ability to move or traverse from one location to another.

Background Check Requirement

Criminal Check

Employment Verification

By position, Motor Vehicle Record

Education Verification

Assessment Requirement

None

Probation Period

Six (6) months.

Class Detail

Pay Grade: J-616

FLSA Code: N

Established Date: 9/21/2018

Established By: LS

Revised Date:

Revised By:

Class History: