



PT FORESTRY TECHNICIAN

DESCRIPTION OF WORK

General Statement of Duties: Performs a variety of work related to planting, maintenance and watering of trees. Including, but not limited to: watering, weeding, mulch installation, day-to-day grounds maintenance, general landscaping activities, and repairing irrigation systems. Duties may also include operating a brush clipper, driving pick-up trucks, maintenance of equipment, minor pruning, and operating chainsaws under supervision. Duties may also include record keeping and conducting citywide surveys for symptoms of Dutch Elm Disease on elm trees and taking sample specimen from suspect trees and further investigate and test the specimen for the Dutch Elm Disease fungus.

Supervision Received: Works under the general supervision of the Arborist II or designated personnel.

Supervision Exercised: None.

ESSENTIAL DUTIES:

1. Operates power equipment, hand tools and selected machinery.
2. Maintains and services equipment.
3. Planting, maintenance and removal of trees.
4. Watering, weeding, mulch installation, day-to-day grounds maintenance.
5. General landscaping activities, and repairing irrigation systems.
6. Surveying, record keeping and lab work for Dutch Elm disease.
7. Performs other duties of a comparable level/type as required.

MINIMUM QUALIFICATIONS

Education and Experience: Ability to read and write. Must have the ability to do considerable walking, heavy lifting, reaching, bending and have average sense of sight and hearing.

Required Knowledge, Skills and Abilities:

Knowledge of safety standards and practices.

Skill in the operation of applicable hand and mechanical tools and related equipment.

Skill in communication, interpersonal skill as applied to interaction with co-workers, supervisor, general public, etc. sufficient to exchange or convey information and to provide and/or receive work direction.

Special Requirements:

Valid ND class D driver's license

Must be at least 18 years of age.

The physical activities of this position are:

Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles, and the like, using feet and legs, and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.

Balancing: Maintaining body equilibrium to prevent falling when walking standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance or body equilibrium.

Stooping: Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.

Kneeling: Bending legs at knee to come to a rest on knee or knees.

Crouching: Bending the body downward and forward by bending leg and spine.

Crawling: Moving about on hands and knees or hands and feet.

Revised: 7/2018, 4/2017, 3/2015, 3/2014, 5/2007

Reaching: Extending hand(s) and arm(s) in any direction.

Standing: Particularly for sustained periods of time.

Walking: Moving about on foot to accomplish tasks, particularly for long distances.

Pushing: Using upper extremities to press against something with steady force in order to thrust forward, downward or outward.

Pulling: Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.

Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to a considerable degree and requires the substantial use of the upper extremities and back muscles.

Fingering: Picking, pinching, typing or otherwise working primarily with fingers rather than with the whole hand or arm as in handling.

Grasping: Applying pressure to an object with the fingers and palm.

Feeling: Perceiving attributes of objects, such as size, shape, temperature or texture by touching with skin, particularly that of fingertips.

Talking: Expressing or exchanging ideas by means of the spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.

Hearing: Perceiving the nature of sound with no more than a 40 db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making the fine adjustments on machined parts.

Repetitive motions: Substantial movements (motions) of the wrists, hand and/or fingers.

The physical requirements of this position are:

Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

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The visual acuity requirements including color, depth perception and field of vision for this position are:

MOBILE EQUIPMENT OPERATORS: This is minimum standard for use with those who operate cars, trucks, forklifts, cranes and high lift equipment.

The conditions the worker will be subject to in this position are:

The worker is subject to outside environmental conditions: No effective protection from weather.

The worker is subject to extreme cold: Temperatures below 32 degrees for periods of more than one hour.

The worker is subject to extreme heat: Temperatures above 100 degrees for periods of more than one hour.

The worker is subject to noise: There is sufficient noise to cause the worker to shout in order to be heard above the ambient noise level.

The worker is subject to vibration: Exposure to oscillating movements of the extremities or whole body.

The worker is subject to hazards: Includes a variety of physical conditions, such as proximity to moving mechanical parts, electrical current, working on scaffolding and high places, exposure to high heat or exposure to chemicals, human waste or other body fluids.

The worker is subject to atmospheric conditions: One or more of the following conditions that affect the respiratory system or the skin: Fumes, odors, dusts, mists, gases, or poor ventilation.

The worker is subject to oils: There is air and/or skin exposure to oils and other fluids.