

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼
HUMAN RESOURCES ENTERPRISE
FORESTER 2

DEFINITION

Under immediate to general supervision, performs professional forest management work within an assigned area of the state; performs nursery management duties; performs related work as required.

The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.

WORK EXAMPLES

Prepares forest land management plans for private or public lands to insure that the land is properly managed; cruises timber land to determine its condition; takes random sample plots as determined by aerial photo interpretation; tallies and measures trees.

Performs public relations activities to educate the public in forestry related areas; makes television appearances; speaks on radio shows and makes public service announcements; conducts field trips; talks to service clubs; writes articles related to forestry.

Assists in the reforestation of private or public lands to insure the best possible use of timber areas; inspects land; determines species to be planted; provides landowner with a list of trees available from state and private nurseries; assists landowners in ordering and planting trees; inspects planted land for survival information; and prepares a planting map and record showing all plantings made.

Assist landowners in the marketing of timber; reviews management plans, marks and measures trees to be harvested; determines total board feet volume to be removed (by species); gives the landowner a list of available markets; prepares a timber sale contract.

Develops and implements forest management plans for state forest areas to adequately manage assigned state forest; reviews previous plans; considers current and future land uses; consults with regional and state foresters; prepares the documents.

Assists agency in the care or purchase of forests, game management areas, and parks to insure their proper maintenance; prepares management plans; advises on timber marketing and sales, tree planting, and disease and insect control; develops planting or reforestation plans; appraises woodlands for possible purchase.

Assists in disease and insect control on private or public land to protect forest land from severe damage; collects samples to identify the problem and instructs the landowner in the proper treatment, including safety precautions if chemicals are used.

Assists area timber industries; maintains a current list of wood using industries and timber producers; visits plants; and retains current production records, etc.

Cooperates with other government boards, services, and/or programs to provide adequate services to the public by serving on boards or committees, attending meetings, and offering technical advice.

Directs the work of lower level forestry personnel to facilitate adequate job performance; assigns and reviews work; provides necessary training.

Develops and follows area budget to provide adequate funding; determines staff and equipment needs; purchases and maintains equipment; pays bills.

Develops and promotes a fire prevention plan to protect state-owned land from fire damage; presents fire safety programs to various groups; distributes fire prevention materials; inspects state fire tools; remains on call 24 hours a day for emergency duty.

COMPETENCIES REQUIRED

Knowledge of the principles and practices of natural science as related to forestry and forest management.

Knowledge of general conservation principles and practices in Iowa.

Knowledge of the local timber types, local markets, and wood using industries and their role in the utilization of forest products.

Knowledge of diseases and insects which may adversely affect woodlands, and their treatments.

Knowledge of the current literature, trends, and developments in the forestry or forestry management fields.

Knowledge of technical and specialized equipment and tools used in professional forestry work (i.e., increment borer, compass, hagometer, sampling prism, saws, wedges).

Knowledge of forest fire prevention and fire fighting methods.

Ability to apply forestry principles and practices in the management of public and private wooded lands.

Ability to plan and organize own work and the work of lower level forestry personnel.

Ability to effectively train employees in new forestry procedures and techniques.

Ability to work out of doors under any type of weather condition, and to withstand physically demanding work, such as lifting, bending, hauling.

Ability to safely operate specialized forestry equipment such as increment borer, compass, hagometer, sampling prism, saws, wedges, etc.

Ability to inspect forested areas (on foot and by aerial photos) and detect signs of decay, deterioration, disease, etc.

Ability to remain on call during emergencies.

Ability to keep complete and accurate notes and statistical data to be used in reports.

Ability to prepare budgets for personnel and equipment expenditures and to prepare related reports.

Ability to inspect work done by contractors for completeness, accuracy, timeliness, adherence to standards/legal terms, etc.

Displays high standards of ethical conduct. Exhibits honesty and integrity. Refrains from theft-related, dishonest or unethical behavior.

Works and communicates with internal and external clients and customers to meet their needs in a polite, courteous, and cooperative manner. Committed to quality service.

Displays a high level of initiative, effort and commitment towards completing assignments efficiently. Works with minimal supervision. Demonstrates responsible behavior and attention to detail.

Responds appropriately to supervision. Makes an effort to follow policy and cooperate with supervisors.

Aligns behavior with the needs, priorities and goals of the organization.

Encourages and facilitates cooperation, pride, trust, and group identity. Fosters commitment and team spirit.

Expresses information to individuals or groups effectively, taking into account the audience and nature of the information. Listens to others and responds appropriately.

EDUCATION, EXPERIENCE, AND SPECIAL REQUIREMENTS

Graduation from an accredited college or university with major coursework in forestry.

NECESSARY SPECIAL REQUIREMENTS

Designated positions in this job class require applicants to obtain a Pesticide Applicators License as issued by the Iowa Department of Agriculture and Land Stewardship within a period of time as determined by the appointing authority at the time of hire.

Effective Date: 4-93 CSH