

FOREST TECHNICIAN

DEFINITION: Under immediate supervision, performs work of routine difficulty in assisting with silvicultural projects; compiles and summarizes or computes various field data; performs related work as assigned.

ESSENTIAL FUNCTIONS: This list is ILLUSTRATIVE ONLY and is not a comprehensive listing of all functions and tasks performed by incumbents of this class.

TASKS:

Examines predetermined forest compartments utilizing research practices and instructions prescribed by professional foresters in carrying out silvicultural projects; typically this entails the collection, computation and summarization of various field data gathered; such as recording type of tree species, height, diameter, and defects which are easily distinguishable; assists in locating suitable seed sources; assists in developing and maintaining seed orchards, seed production and seed collection areas; samples insect populations; identifies tree disease problems; assists in application of control measures prescribed by foresters; drafts maps showing timber classifications by geographical area; drafts and updates maps based on survey results; marks trees within predetermined compartments for cut that are well defined by instructions.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS:

Knowledge of forest management and conservation practices.
Knowledge of forestry, nursery or orchard management programs.
Knowledge of fire prevention methods and techniques, disease control and suppression.
Knowledge of the operation, maintenance and minor repair to motorized equipment.
Skill to communicate effectively, act promptly and use good judgment in emergencies, deal tactfully with and inspire public confidence while enforcing rules and regulations.
Skill to understand and follow written instructions.
Skill to perform manual and light maintenance work, using hand and small power tools.

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT: Work is performed both indoors and outdoors with exposure to a variety of adverse weather conditions. Manual dexterity in the operation of tools and the ability to lift objects weighing up to 100 lbs. is required. Work may at times be strenuous, requiring continuous physical effort for long periods.

MINIMUM QUALIFICATIONS: A high school diploma or GED; and one (1) year of experience in forestry, greenhouse or nursery operation, horticulture, agronomy, or closely related responsibilities; or an equivalent combination of education, training, and experience which provides the capabilities to perform the described duties.

Depending upon the needs of the Nation, some incumbents of the class may be required to demonstrate fluency in both the Navajo and English languages as a condition of employment.