

Specification for Class of

NATURAL RESOURCE RESEARCH TECHNICIAN II

Abolished Effective July 1, 2007

Definition: Serves as an independently responsible and skilled technical specialist supporting natural resource research or a practicing scientist.

Distinguishing Characteristics: Positions in the series are distinguished from professional research or practicing scientist positions by their operation within a research plan and by their dependence on established methodology. The Technician relies on practical judgment and substantial training and experience to achieve specific objectives.

Positions in this classification perform a wide variety of technical operations in accordance with well defined procedures. They are responsible for application of methods and techniques within a phase of an agency research project. They independently evaluate conditions and data within a predetermined range of variability.

Typical Work

Locates, installs, maintains and measures research plots applying techniques and methods outlined by the supervising scientist; trains and supervises crews as needed;

Operates and maintains instruments and equipment in order to perform precise measurements in laboratory greenhouse, field or nursery; samples, surveys and reports on field or greenhouse conditions;

Directs and accepts full responsibility for a significant operational and/or technical phase of a major Department project;

Computes, compiles, and summarizes data involving several variables; edits and prepares data for analysis by computer programs; prepares final data summaries for analysis by scientist;

Collects and prepares specimens in order to perform laboratory analysis;

Acts as Department representative, in lieu of scientist, to gather information or provide technical information to other Department staff, governmental bodies or private groups;

Prepares all necessary charts graphs, tables and maps;

Inventories and orders equipment and supplies as needed; assists in design and construction of specialized equipment;

Writes internal reports;

Performs other work as required.

Knowledge and Abilities

Knowledge of: principles, practices and application of technical skills required in research and/or applied science to include: basic statistics; laboratory techniques; basic surveying; simple construction; maintenance of scientific equipment.

Ability to: survey and map research plots; maintain laboratory, greenhouse and field equipment, understand and follow written work plans; collect and compile data, input data into established computer programs, construct graphs, tables and charts; deal effectively with public; write internal reports; train and supervise crew; understand and become knowledgeable in, at a technical level, the particular field of science involved.

Minimum Qualifications

A B.S. degree in forestry or related natural science (the related natural science is designated on the classification questionnaire for each position).

OR

An A.A. degree in forest technology, or related natural science and one year experience as a Forest Technician, Fish and Game Technical Aide or Technical Aide in related natural science.

New class

Effective December 10, 1973

Revises minimum qualifications

Effective October 29, 1974