

Minimum Qualification Specifications
for the Class:

ALTERNATE ENERGY SPECIALIST

Basic Education/Experience Requirements

Graduation from an accredited four (4) year college or university with a bachelor's degree.

Excess work experience as described under the General or Specialized Experience, below, or any other responsible administrative, professional or analytical work experience that provided knowledge, skills and abilities comparable to those acquired in four (4) years of successful study while completing a college or university curriculum leading to a baccalaureate degree may be substituted on a year-for-year basis. To be acceptable, the experience must have been of such scope, level and quality as to assure the possession of comparable knowledge, skills and abilities.

The education or experience background must also demonstrate the ability to write clear and comprehensive reports and other documents; read and interpret complex written material; and solve complex problems logically and systematically.

Experience Requirements

Applicants must have had progressively responsible experience of the kind, quality and in the amounts shown below, or any equivalent combination of training and experience.

General Experience: One and one-half (1-1/2) years of professional work experience which demonstrated the ability to define and analyze problems related to engineering and/or scientific topics. Such experience may have been gained in such capacity as a professional engineer, research specialist, scientific investigator or program evaluator.

Specialized Experience: Two (2) years of responsible professional work experience which provided a technical knowledge of one or more of the various alternate energy sources such as wind, geothermal, biomass, solar and hydropower. Such knowledge may have been obtained in the course of conducting studies in energy planning, research, development or management.

Substitutions Allowed

1. In addition to meeting the Basic Education/Experience Requirements, satisfactory completion of all academic requirements for a bachelor's degree with a major (or equivalent credit hours) in engineering, or in a physical or biological science may be substituted for one-half (1/2) year of the required General Experience.
2. Satisfactory completion of all academic requirements for a master's degree from an accredited college or university in the fields mentioned under (1) above may be substituted for all of the required General Experience.
3. Satisfactory completion of all academic requirements for a master's degree from an accredited college or university in the fields mentioned under (1) above which included further specialization in a pertinent alternate energy field (e.g., completion of thesis research and thesis) may be substituted for all of the required General Experience and one-half (1/2) year of the required Specialized Experience.
4. Satisfactory completion of all academic requirements for a Ph.D. (or equivalent doctoral degree) from an accredited college or university in the fields mentioned in (1) above which included further specialization in a pertinent alternate energy field may be substituted for all of the required General Experience and one and one-half years (1-1/2) of the required Specialized Experience.
5. Excess Specialized Experience may be substituted for the required General Experience on a year-for-year basis.

Quality of Experience

Possession of the required number of years of experience will not in itself be accepted as proof of qualification for a position. The applicant's overall experience must have been of such scope and level of responsibility as to conclusively demonstrate that he/she has the ability to perform the duties of the position for which he/she is being considered.

Selective Certification

Specialized knowledge, skills and abilities may be required to perform the duties of some positions. For such positions, Selective Certification Requirements may be

established and certification may be restricted to eligibles who possess the pertinent experience and/or training required to perform the duties of the position.

Agencies requesting selective certification must show the connection between the kind of training and/or experience on which they wish to base selective certification and the duties of the position to be filled.

Tests

Applicants may be required to qualify on an appropriate examination.

Physical and Medical Requirements

Applicants must be able to perform the essential functions of the position effectively and safely, with or without reasonable accommodation.

This is an amendment to the minimum qualification specifications for the class ALTERNATE ENERGY SPECIALIST, which were approved on February 15, 1983.

Date Approved: 6/4/15 
for JAMES K. NISHIMOTO, Director
Department of Human Resources Development