

46290 WASHINGTON STATE DEPARTMENT OF PERSONNEL

Specification for Class of

ENERGY ENGINEER 4

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Definition: As a licensed professional engineer, provides technical energy assistance to schools, State facilities, and local government facilities for the Department of General Administration. Supervises the energy engineers, energy systems engineers, and energy specialists in the energy section of the Department of General Administration.

Typical Work

Supervises energy section technical staff including professional and degreed engineers and technical energy specialists; supervises the activities of technical staff assigned to new projects;

Plans and coordinates activities of the energy section technical staff, sets priorities to accommodate division and agency goals and works with division supervisors to ensure that proper level of technical effort is available for project needs;

Assigns, evaluates and monitors technical work as assigned by the section manager; represents the energy section at internal and external meetings;

Decides on the proper application of technical resources, including the management and direction of supplemental engineering services contracts;

Assists lead engineer in establishing quality control procedures and developing methods to build the section capabilities;

Administers contracts with consulting firms and others to include overseeing and reviewing contractor's work;

Performs other work as required.

Knowledge and Abilities

Knowledge of: principles, practices and methods of engineering, including structures, lighting, controls, HVAC, and glazing; energy efficient improvements, research methods and problem-

solving techniques, principles and techniques of energy management; sound personnel management practices.

Ability to: organize, direct and supervise professional energy engineers and specialists; exercise sound, independent energy engineering judgment in the solution of energy efficient improvements; deal tactfully with client groups.

Minimum Qualifications

Bachelor's degree in civil, mechanical, electrical or other accredited engineering curriculum.

AND

Four years of professional level experience performing energy engineering or related work, one of which must have been as a project manager or supervisor.

AND

Registration as a professional engineer in the State of Washington or another state based on registration requirements equivalent to those in Washington.

An Engineer-In-Training certification will substitute for education.

NOTE: Requirements for professional registration as an engineer in the State of Washington are eight years of professional experience (which may include up to four years of college-level engineering education) and successful completion of sixteen hours of professional licensing exams. Applicants qualifying through the licensing equivalency option must achieve professional registration as an engineer in the State of Washington within six months of appointment to this class.

New class: 12-15-89

Revised minimum qualifications: 11-15-91

Revised definition: 5-9-01