

DESCRIPTION: Under limited supervision of the Director of the Nebraska Energy Department, employees in this class use technical expertise in engineering and architecture to advise state and private industry officials on energy efficiency and renewable energy legislation, programs and policies that affect energy use. Performs related work as assigned.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Advises members of Legislature, Energy Advisory Committee and private industry officials on legislation and new technologies relating to engineering or architectural matters.

Review energy projects to assess the feasibility and energy savings generated and advise whether projects meet specific criteria for identified funding sources.

Inspect buildings, equipment and systems to identify energy savings opportunities and/or evaluate energy efficiency levels. Provide recommendation on improvements and/or advise building managers on proper operation of equipment.

Analyze utility bills, determine scope and detail of energy audits, measure current energy use and equipment performance and calculate potential energy savings.

Review building plans and inspect facilities for compliance with energy building code.

Prepares technical reports on energy efficiency and renewable energy measures and share new conservation technologies with community partners.

Develops evaluation criteria for fuel conservation measures.

Provides data exchange with utility companies on new technologies.

Provides technical assistance and interpretation of energy related issues for agency staff and the public.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These are needed to perform the work assigned.)

Knowledge of: engineering or architectural principles; building codes; current construction practices and energy efficient building envelope characteristics; heating, ventilation and air conditioning industry.

Ability to: produce accurate technical reports; interpret technical data and translate for the average citizen; provide technical data and engineering support for State Energy Office Energy Efficiency and Renewable Energy programs.

MINIMUM QUALIFICATIONS: (Applicants will be screened for possession of these qualifications. Applicants who need assistance in the selection process must request this in advance.)

Bachelor's degree in Engineering or Architecture plus two years work experience in the application of energy efficient design and construction techniques and methods. Must be Registered or eligible for registration in the state of Nebraska.

SPECIAL NOTE:

State agencies are responsible to evaluate each of their positions to determine the individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).