



AGENCY PROMOTIONAL EXAMINATION

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION

PUBLIC UTILITIES ENGINEER 3

ANNUAL \$68,584
SALARY: \$95,985

SALARY
GROUP: ES 28a

APPLICATION CLOSING
DATE: AUGUST 6, 2012

EXAM
NO: 121320APDM

SPECIAL APPLICATION AND EXAMINATION INSTRUCTIONS APPEAR BELOW

PURPOSE OF CLASS: In the Department of Energy and Environmental Protection, this class is accountable for acting as a working lead and/or for performing the highest level, most complex engineering studies and investigations of equipment, plants, operations, quality/adequacy of customer service, and records and accounts of public utility companies, specializing in an engineering capacity in one of the following areas: electric, nuclear, gas, water/sewer or telecommunications.

MINIMUM QUALIFICATIONS REQUIRED

THIS PROMOTIONAL EXAMINATION IS OPEN TO ANY CURRENT EMPLOYEE OF **DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION** WHO BY **AUGUST 6, 2012** HAS PERMANENT STATUS IN THE CLASSIFIED SERVICE, SIX MONTHS SERVICE AT THE **DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION** AND THE FOLLOWING EXPERIENCE AND TRAINING*:

GENERAL EXPERIENCE: Eight years' experience as an engineer in the field of electric, nuclear, gas, water, or telecommunications.

SPECIAL EXPERIENCE: The preceding experience must have included two years in one of the following areas:

A. Utility company operations experience, such as:

ELECTRICAL: Field service, distribution, transmission, engineering, codes and standards, or regulation;

NUCLEAR: Power plant operations, prudence investigations, licensing, nuclear event analysis, engineering, decommissioning cost review and regulation.

GAS: Field service, distribution, transmission, engineering, codes and standards, or regulation;

TELECOMMUNICATIONS: Head-end technical operations, central office operations, distribution, engineering, codes and standards, or regulation;

WATER/SEWER: Design, construction, distribution, engineering, or regulation.

B. Management audit of the respective utility operations described in (A).

C. Utility company regulation.

D. Experience totaling one year in at least two of the following areas:

Preparation of depreciation studies, or technical critiquing and report writing on such studies.

Preparation of detailed cost of service studies, or technical critiquing and report writing on such studies.

Preparation of studies of appropriate installations, including determination of required capital improvements and report writing, or technical critiquing and report writing on such studies. Appropriate installations are:

-ELECTRICAL: Electrical

-NUCLEAR: Nuclear power plants and facilities

-GAS: Pressure piping

-TELECOMMUNICATIONS: CATV or telephone systems

-WATER/SEWER: Water utility system design

Development of engineering safety codes or recommended practices for appropriate installations, or development of operating procedures to comply with such codes or practices.

SUBSTITUTIONS ALLOWED: (1) College training in engineering may be substituted for the General Experience on the basis of fifteen semester hours equaling one-half year of experience to a maximum of four years for a Bachelor's degree. (2) A Master's degree in Engineering may be substituted for one additional year of the General Experience.

KNOWLEDGE, SKILLS AND ABILITIES: Considerable knowledge of relevant agency policies and procedures; considerable knowledge of relevant state and federal laws, statutes, and regulations; considerable knowledge of basic engineering principles and techniques; considerable knowledge of standard equipment, operating methods and practices of electric, nuclear, gas, water/sewer and telecommunication companies; considerable knowledge of principles and practices of governmental regulation of public utilities; considerable interpersonal skills; considerable oral and written communications skills; ability to prepare technical reports; some lead ability.

THE EXAMINATION WILL BE COMPOSED OF:

PART
EXPERIENCE AND TRAINING

WEIGHT
100%

APPLICATION/EXAMINATION INSTRUCTIONS: In order to be considered for admittance into this examination, you must complete all parts of the examination application (CT-HR-12) detailing how you meet the minimum experience and training requirements stated above. Make certain your application form clearly details your employment history, including job titles, dates of employment, hours worked per week and actual job duties as well as college degrees earned and current licenses and certifications. **THIS MATERIAL WILL CONSTITUTE THE EXAMINATION FOR THIS CLASS. Your examination will only be scored if you meet the minimum experience and training requirements outlined above and your completed application form is date stamped by DAS/Human Resources or postmarked by August 6, 2012. A separate application form must be submitted for each exam you are applying for. Mail applications to DAS/Human Resources, Room 404, 165 Capitol Avenue, Hartford, CT. 06106-1658 (Secure Fax #860-622-2910).** If faxing materials make certain that your application form is complete and transmitted correctly and without error. Keep a copy of your completed application package and fax transmittal receipt for your records. Incomplete faxes or faxes received blank because pages were faxed upside down will not be accepted. Due to the large number of applications received, we cannot confirm receipt of applications. **Examination scores will be mailed by September 17, 2012.**

FORMS: Application forms (CT-HR-12) and exam announcements are available from the Department of Administrative Services (<http://das.ct.gov/employment>) or at the Department of Energy and Environmental Protection.

**Employees in the unclassified service may be eligible to participate in promotional exams if they have previous permanent status in the classified service and have current status as a state employee.*

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

The State of Connecticut is an equal opportunity/affirmative action employer and strongly encourages the applications of women, minorities, persons with disabilities and military veterans.