



**AGENCY PROMOTIONAL EXAMINATION**

**DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION  
SANITARY ENGINEER 3 (ENVIRONMENTAL PROTECTION)**

**ANNUAL \$62,203      SALARY      APPLICATION CLOSING      EXAM**  
**SALARY: \$85,324      GROUP: ES 26      DATE: OCTOBER 5, 2012      NO: 121590APMC**

**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 most complex engineering tasks in the maintenance of standards of sanitation in the design, construction and operation of facilities for water supply, water treatment and distribution, or solid and hazardous waste treatment and disposal, or in problems connected with abatement of pollution of public waterways and groundwater by sewage and industrial wastes.

**MINIMUM QUALIFICATIONS REQUIRED**

THIS PROMOTIONAL EXAMINATION IS OPEN TO ANY **CURRENT** EMPLOYEE OF THE **DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION** WHO BY **OCTOBER 5, 2012** HAS PERMANENT STATUS IN THE CLASSIFIED SERVICE, SIX MONTHS SERVICE AT THE **DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION SERVICES** AND THE FOLLOWING EXPERIENCE AND TRAINING\*:

**GENERAL EXPERIENCE:** Seven years' experience in sanitary engineering involving planning, design, construction, or operation of water, sewage, or industrial waste treatment plants and equipment, or inspection and regulation of water supplies, or investigation of sanitation and waterway pollution problems.

**SUBSTITUTIONS ALLOWED:** (1) College training in civil or chemical engineering with courses in sanitary 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 sanitary, civil, or chemical engineering may be substituted for one additional year of the General Experience.

**SPECIAL REQUIREMENT:** Incumbents in this class may be required to travel.

**WORKING CONDITIONS:** Incumbents in this class may be exposed to some danger of injury or physical harm from on-site/in the field environments and a moderate degree of discomfort from exposure to year-round weather conditions.

**KNOWLEDGE, SKILLS AND ABILITIES (KSA's):** Considerable knowledge of principles, practices and methods of sewage and industrial waste treatment and water pollution control; knowledge of solid and hazardous waste treatment and disposal; knowledge of principles and practices of other phases of sanitary engineering dealing with water supply, water treatment, refuse disposal, etc.; considerable interpersonal skills; considerable oral and written communication skills; considerable ability to conduct detailed engineering investigations and studies related to pollution and pollution control; ability to prepare, review, and evaluate plans and sketches of industrial waste and sewage treatment facilities; ability to conduct and interpret chemical, bacteriological, and microscopic analyses of water and wastes; some lead ability.

**THE EXAMINATION WILL BE COMPOSED OF:**

<b><u>PART</u></b>	<b><u>WEIGHT</u></b>
<b>EXPERIENCE AND TRAINING</b>	<b>100%</b>

**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 October 5, 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. 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 November 19, 2012.**

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

*\*Employees in the unclassified service may be eligible to participate in promotional exams if they have previous continuous 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.