



AGENCY PROMOTIONAL EXAMINATION

**DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
ENVIRONMENTAL PROTECTION AIR POLLUTION CONTROL
ENGINEER 3**

ANNUAL \$62,203 SALARY **SALARY** **APPLICATION CLOSING** **EXAM**
SALARY: \$85,324 **GROUP: ES 26** **DATE: OCTOBER 9, 2012** **NO: 121620APSP**

SPECIAL APPLICATION AND EXAMINATION INSTRUCTIONS APPEAR BELOW

PURPOSE OF CLASS: In the Department of Energy and Environmental Protection, Bureau of Air Management this class is accountable for acting as a working lead and/or for performing the most complex tasks in engineering studies of the effectiveness of stationary and mobile source air pollution controls involving air pollution monitoring equipment and the enforcement of air pollution regulations.

MINIMUM QUALIFICATIONS REQUIRED

THIS PROMOTIONAL EXAMINATION IS OPEN TO ANY **CURRENT** EMPLOYEE OF THE **DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION** WHO BY **OCTOBER 9, 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' professional experience as an engineer or scientist in an air pollution control program or as an engineer or technician in the installation, operation, calibration, modification, maintenance and repair of chemical, mechanical, meteorological and electronics equipment and instruments. At least two years of the general experience must have been directly related to air pollution control.

SUBSTITUTIONS ALLOWED: (1) College training in applied mathematics, biological or physical sciences, engineering, meteorology, public health or statistics 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 applied mathematics, biological or physical sciences, engineering, meteorology, public health or statistics may be substituted for one additional year of the General Experience. (3) For state employees one year as an Environmental Protection Air Pollution Control Engineer 2 or two years as an Environmental Protection Air Pollution Control Engineer 1 may be substituted for 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 risk of injury, physical harm, discomfort and to moderately disagreeable working conditions on occasion.

KNOWLEDGE, SKILLS AND ABILITIES (KSA's): Considerable knowledge of sources and types of air pollution and methods of control; knowledge of laws and regulations concerning air pollution engineering and control; knowledge of data collection and analysis techniques; knowledge of instrumentation and techniques for monitoring air pollution; knowledge of quality assurance plans; knowledge of industrial, mechanical and chemical processes; knowledge of engineering related computer applications; considerable interpersonal skills; oral and written communication skills; ability to design, calibrate, troubleshoot and maintain telemetry, meteorological monitoring and electronic data handling equipment; ability to evaluate cost effectiveness of air pollution control equipment; some lead ability.

THE EXAMINATION WILL BE COMPOSED OF:

	<u>PART</u>	<u>WEIGHT</u>
	EXPERIENCE AND TRAINING	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 October 9, 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 20, 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.