



EXAMINATION OPEN TO THE PUBLIC

POWER PLANT OPERATOR 2

ANNUAL \$46,054
SALARY: \$59,384

SALARY
GROUP: TC 18

APPLICATION CLOSING
DATE: JANUARY 20, 2012

EXAM
NO: 111190OCMC

SPECIAL APPLICATION AND EXAMINATION INSTRUCTIONS APPEAR BELOW

PURPOSE OF CLASS: At the University of Connecticut, Storrs this class is accountable for independently performing a full range of duties in the control room of the cogeneration power plant.

MINIMUM QUALIFICATIONS REQUIRED

IN ORDER TO BE CONSIDERED FOR ADMITTANCE INTO THIS EXAMINATION, YOU MUST INDICATE ON YOUR APPLICATION THAT YOU HAVE THE FOLLOWING EXPERIENCE AND TRAINING BY JANUARY 20, 2012:

GENERAL EXPERIENCE: Three years of experience in a power plant including the utilization of a Distribution Control System.

SPECIAL EXPERIENCE: One year of the General Experience must have included work performed at a cogeneration power plant. For State employees this is interpreted at the level of Power Plant Operator 1.

SUBSTITUTION ALLOWED: Graduation from a vocational or technical school with a diploma in a related field may be substituted for two years of the General Experience.

WORKING CONDITIONS: Incumbents in this class may be required to lift moderate to heavy weights, use protective equipment such as respirators and safety goggles and may be exposed to significant levels of noise, dust, heat and risk of injury from equipment and/or environmental conditions.

KNOWLEDGE, SKILLS AND ABILITIES: Knowledge of theory and application of operation of large condensing extracting steam turboelectric generating equipment and related auxiliaries; knowledge of theory and application of large high pressure boilers equipped with super heaters; knowledge of industrial instrumentation and control systems; knowledge of arithmetic functions including algebra and geometry; knowledge of fire and accident prevention techniques and methods of responding to fires; interpersonal skills; oral and written communications skills; ability to use technical manuals; ability to read and interpret schematic diagrams such as piping and instruments, electrical one-line, logic, etc.; ability to apply some principles of physics, chemistry, thermodynamics, heat transfer, fluid flow and combustion; ability to utilize computer software.

THE EXAMINATION WILL BE COMPOSED OF:	<u>PART</u>	<u>WEIGHT</u>
	EXPERIENCE AND TRAINING	100%

APPLICATION/EXAMINATION PROCEDURE

- APPLICANTS MUST SUBMIT:**
- (1) **Completed Application Form (CT-HR-12)**
 - (2) **Supplemental Examination Materials (see instructions below)**

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 AND complete the required supplemental examination materials as detailed below. Applicants who do not submit the required application and examination materials by the closing date will not be admitted into the examination and will not have the right to appeal this decision. Resumes and/or vitas will not substitute for the required application form or for the required examination materials.

EXAMINATION INSTRUCTIONS: Section 1. For each job (maximum of two) which you feel has best prepared you for the job of Power Plant Operator 2, include a 1-2 page (typed or printed) description detailing your duties and responsibilities. (Applicants serving provisionally or temporarily in the title of Power Plant Operator 2 cannot include this as one of the two jobs.) Each job description should begin on a separate page and begin with your job title, company name and location, dates of employment, and number of hours worked per week. This should be followed by a description of your duties and responsibilities organized and formatted around the numbered items that follow. **(1)** Experience in the operation of electrical generation equipment. Be specific in describing your duties and responsibilities in this area. Detail your experience establishing plant operational procedures and your responsibility for monitoring operations to ensure operational safety, efficiency and effectiveness with generation equipment. **(2)** Experience in the operation of steam generation equipment. Be specific in describing your duties and responsibilities in this area. Detail your experience establishing plant operational procedures and your responsibility for monitoring operations to ensure operational safety, efficiency and effectiveness with steam equipment. **(3)** Experience in the operation of major power plant equipment OTHER THAN equipment already described in Items numbered 1 and 2 above. Be specific in describing your duties and responsibilities in this area. Detail your experience establishing plant operational procedures and your responsibility for monitoring operations to ensure operational safety, efficiency and effectiveness in these other areas. Also indicate the size and grade plant designation, output rate per day and number of customers served. **Section 2.** On a separate page, include a list of degrees, certifications, licenses and courses that you have completed which have prepared you for the job. **Important Notes:** **(1)** Make certain both your application form and your examination materials are complete and separate documents not referencing the other, as your application form and supplemental examination materials may be separated during the scoring process. **(2)** Examination materials should be clearly marked as such and each page should contain the examination title, exam number and your social security number (do not include your name). **(3)** Do not include materials other than those requested above. **(4) Your examination will only be scored if you meet the minimum experience and training requirements outlined above and your CT-HR-12 and supplemental examination materials are date stamped by DAS/Human Resources or postmarked by January 20, 2012.** **(5) Mail applications/examination materials to DAS/Human Resources, Room 404, State Office Building, 165 Capitol Avenue, Hartford, Connecticut 06106-1658 (Secure Fax #860-622-2875).** If faxing materials make certain that your application form is complete and transmitted correctly and without error. Keep a copy of your completed application/examination package and the fax transmittal receipt for your records. Incomplete faxes or faxes received blank because pages were faxed upside down will not be accepted. **(6)** Due to the large number of applications received, we cannot confirm receipt of applications. **(7) Examination scores will be mailed by February 29, 2012.** **(8) A separate application/examination package must be submitted for each exam you are applying for.**

FORMS: Application forms (CT-HR-12) and exam announcements are available from the Department of Administrative Services (<http://das.ct.gov/employment>) and at the Offices of the Connecticut State Job Centers.
6532

January 3, 2012

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, and persons with disabilities.