



EXAMINATION OPEN TO THE PUBLIC

LEAD POWER PLANT OPERATOR

ANNUAL SALARY: \$50,662      SALARY GROUP: TC 20      APPLICATION CLOSING DATE: JANUARY 20, 2012      EXAM NO: 111200OCMC

SPECIAL APPLICATION AND EXAMINATION INSTRUCTIONS APPEAR BELOW

**PURPOSE OF CLASS:** At the University of Connecticut, Storrs this class is accountable for acting as a working supervisor for Power Plant Operators engaged in performing duties in the operation and maintenance 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:** Four years of experience in a cogeneration power plant which includes the operation, maintenance and repair of combustion turbines, heat recovery steam generators, steam turbines, emergency generators, boilers, chillers, distributive control systems and ancillary equipment.

**SPECIAL EXPERIENCE:** One year of the General Experience must have been performing highly skilled duties in the control room of a cogeneration power plant. For State employees this is interpreted at the level of Power Plant Operator 2.

**SUBSTITUTION ALLOWED:** College training in mechanical engineering or a related field may be substituted for the General Experience on the basis of fifteen semester hours equaling one-half year of experience to a maximum of three years for a Bachelor's degree.

**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 cogeneration power plant operations; knowledge of theory and application of operation of large steam turboelectric generating equipment and large high pressure boilers equipped with super heaters; knowledge of regulatory and reporting requirements; interpersonal skills; oral and written communication skills; ability to utilize computer software; some supervisory ability.

**THE EXAMINATION WILL BE COMPOSED OF:**

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

**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 Lead 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 Lead 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/steam generation equipment and other major power plant equipment. Be specific in describing your duties and responsibilities in these areas. Detail your experience establishing plant operational procedures and your responsibility for monitoring operations to ensure operational safety, efficiency and effectiveness. Also indicate the size and grade plant designation, output rate per day and number of customers served. Be sure to include your experiences running electrical generator equipment in coordination with other electrical generators in parallel and/or the electrical distribution grid. Describe the types of control systems you have used to control the coordination of power plant equipment. (2) Interpreting and applying statutes, laws and regulations. Indicate any power plant employment experience which you have had which has given you knowledge of laws and regulations in this area (include titles and dates). Particularly important is describing your experiences operating a power plant under the restrictions of either Title 5 Air Emissions permit or other air emissions permits. Describe your experience conducting inspections to determine compliance with applicable regulations. Also, please describe any experience you have had interpreting legislation or regulations as related to licensing, proposed remedial actions, suspected violations or court actions. (3) Lead/Supervisory experience. Detail your experience leading or supervising others in the operation of power plant equipment. Indicate your responsibilities providing staff training, scheduling, work assignment, conducting performance evaluations and taking necessary disciplinary action. Be specific as to whether you performed full supervisory functions or led others and include the number and titles of staff involved. Include any experience serving as project or team leader or overseeing the work of contracted employees. **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.  
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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.