



AGENCY PROMOTIONAL EXAMINATION

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION MATERIALS TECHNICIAN 3

**ANNUAL \$58,846
SALARY: \$84,978**

**SALARY
GROUP: FS 22a**

**APPLICATION CLOSING
DATE: AUGUST 29, 2012**

**EXAM
NO: 121400APMC**

SPECIAL APPLICATION AND EXAMINATION INSTRUCTIONS APPEAR BELOW

PURPOSE OF CLASS: In the Department of Transportation, Division of Materials Testing, this class is accountable for acting as a working lead and/or for performing the most complex tasks in materials testing field inspections, including inspections of bituminous plants, and chemical or physical testing and analysis of construction, maintenance, and other materials.

MINIMUM QUALIFICATIONS REQUIRED

THIS PROMOTIONAL EXAMINATION IS OPEN TO ANY **CURRENT** EMPLOYEE OF THE **DEPARTMENT OF TRANSPORTATION** WHO BY **AUGUST 29, 2012** HAS PERMANENT STATUS IN THE CLASSIFIED SERVICE*, SIX MONTHS SERVICE AT THE **DEPARTMENT OF TRANSPORTATION**, AND THE FOLLOWING EXPERIENCE AND TRAINING:

GENERAL EXPERIENCE: Six years' experience in the chemical and/or physical analysis of transportation construction or maintenance materials, including independent performance of tests such as extraction gradation, slump and air content for cement, and concrete cylinder tests.

SUBSTITUTION ALLOWED: College training in natural sciences, construction technology, civil engineering or other related fields 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.

SPECIAL REQUIREMENTS: (1) Nuclear density unit: Incumbents in this class may serve as the Department's Radiation Safety Officer and be designated to hold the United States Nuclear Regulatory Commission license. (2) Structural steel fabrication section: Incumbents in this class may be required to possess a Certified Welding Inspector Certificate and/or Nondestructive Testing Level III Certification in accordance with procedures set forth by the American Welding Society for nondestructive testing. (3) Incumbents in this class may be required to travel.

WORKING CONDITIONS: Incumbents in this class may be exposed to some risk of injury due to toxic fumes, chemicals, dust, or heavy machinery or equipment; may occasionally be required to lift heavy objects; may be exposed to environmental conditions such as noise or heavy traffic.

KNOWLEDGE, SKILLS AND ABILITIES: Considerable knowledge of physical and/or chemical properties, specifications, and uses of construction materials; considerable knowledge of principles and practices prescribed by the American Society for Testing Materials, the American Association of State Highway Officials, and the federal government for chemical and physical testing of transportation construction and maintenance materials; considerable skills in performing calculations; interpersonal skills; considerable oral and written communication skills; considerable ability to perform chemical and/or physical tests and analyses; ability to calibrate equipment and standardize reagents; 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 August 29, 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 October 5, 2012.**

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 Department of Transportation.

**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.