



ASSOCIATE STEEL INSPECTOR

Departmental Open

Exam Code: 6TRAC

Department: Caltrans

Bulletin Release Date: December 12, 2016

Cut-off Date: Continuous

Salary: \$5,185.00 to \$6,490.00

INTRODUCTION

Caltrans is pleased to announce the posting of the **Associate Steel Inspector** examination. Employment from this examination may be offered in Districts 4 (Oakland), 7 (Los Angeles), and Sacramento County.

EQUAL EMPLOYMENT OPPORTUNITY

Caltrans is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation.

DRUG FREE STATEMENT

It is an objective of the State of California to achieve a drug-free work place. All applicants will be expected to behave in accordance with this objective, as the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY?

Candidates who meet the minimum qualifications as stated on this announcement may apply for this examination.

Once you have taken the examination, you may not reapply for twelve (12) months.

FILING INSTRUCTIONS

Candidates are required to submit: 1) [Standard State Application \(STD.678\)](#) and 2) [Supplemental Application Questionnaire](#).

Examination materials must be received or postmarked no later than the cut-off date. FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED. Applications postmarked after the cut-off date, personally delivered, or received via interoffice mail after 5:00 p.m. on the final filing date will not be accepted. THE EXAMINATION TITLE MUST BE INDICATED ON THE APPLICATION.

***FILE BY MAIL:**

**Caltrans
Examination Services (MS 86)
P.O. Box 168036
Sacramento, CA 95816-8036**

***FILE IN PERSON:**

**Caltrans
Examination Services (MS 86)
1727 30th Street, 1st Floor
Sacramento, CA 95816**

***Candidates are responsible for obtaining proof of mailing or submission of their application to Examination Services.**

POSITION STATEMENT

Under general direction, performs the more difficult tasks involved in the inspecting and testing of structural and reinforcing steel and related structural materials during fabrication, erection, or maintenance of existing structures; may lead lower-level steel inspector staff; and does other related work.

ELIGIBLE LIST INFORMATION

A Departmental Open spot eligible list will be established for Caltrans in Districts 4 (Oakland), 7 (Los Angeles), and Sacramento County. The names of successful competitors will be merged onto the list in order of final scores, regardless of date. Competitor's eligibility will expire 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

All applicants must meet the education and/or experience requirements for this examination by the cut-off date. Your signature on the application indicates that you read, understand, and possess the minimum qualifications required, and that the information provided is true and complete to the best of your knowledge.

All applications must include: "to" and "from" dates (month/day/year), time base, civil service or private sector titles, the duties performed, and an original signature. Applications received without this information will be rejected.

NOTE: Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either I," "or II," "or III," etc. For example, candidates who possess qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirements.

Click on the link below to review the California State Personnel Board class specification which contain the requirements for admittance to the exam:

<http://calhr.ca.gov/state-hr-professionals/Pages/3387.aspx>

MINIMUM QUALIFICATIONS

Possession of a current Certified Welding Inspector Certification per the most recent American Welding Society QC-1 document. Proof of valid certification is due at the time of appointment. **And**

Either I

Two years in the California state service performing the duties of an Assistant Steel Inspector.

Or II

Experience: Six years of experience in the fabrication or erection of structural steel, including at least two years' fabrication or erection inspection and physical testing of structural materials. (The equivalent of an Associate's Degree in Welding Technology, Nondestructive Testing, or Metallurgy may be substituted for two years of the required experience.) **And**

Education: Equivalent to completion of the 12th grade.

EXAMINATION INFORMATION

This examination will consist of a Supplemental Application Questionnaire weighted 100%. In order to obtain a position on the eligible list, a minimum score of 70% must be attained.

Applications will be accepted on a continuous basis. Testing is considered continuous, as new test dates can be set at any time as departmental needs warrant.

KNOWLEDGE AND ABILITIES

Knowledge of:

1. Fabrication and erection of structural steel and manufacture of related materials
2. Qualification requirements for fabrication of material to ensure compliance with State and Federal regulations
3. General tools and equipment used in erection of structural steel
4. Qualification of personnel involved in the fabrication of structured steel
5. Nondestructive testing methods used for structural steel and components
6. Equipment used in nondestructive testing of structural steel
7. Protective coating used for structural materials
8. Inspection and testing methods and equipment used for structural steel and related structural products
9. Current American Society for Testing Materials, American Welding Society, American Society for Nondestructive Testing, American Concrete Institute, PreCast Concrete Institute, Research Council on Structural Connecting and American Association of State Transportation Highway Officials standards, codes, and tests referring to structural materials
10. Welding process

Ability to:

1. Inspect structural materials to ensure product meets project requirements
2. Conduct and or witness various test on structural materials to ensure compliance to project requirements
3. Effectively communicate using various communication methods
4. Evaluate and apply new methods and equipment for testing structural materials
5. Establish and maintain cooperative relations with project stakeholders including the fabricating suppliers, resident engineer for the project, and contractors
6. Prepare comprehensive reports
7. Make mathematical calculations related to testing and acceptance of materials
8. Analyze situations and adopt an effective course of action
9. Work independently and collaboratively
10. Read fabrication plans and drawings to ensure constructability and weld ability
11. Interpret applicable codes
12. Adhere to various safety codes and regulations Occupational Safety and Health Administration (OSHA), and the California Division of Occupational Safety and Health (Cal/OSHA)

SPECIAL PERSONAL CHARACTERISTICS

1. Ability to work in adverse environmental conditions including elevated locations, confined spaces, and extreme temperatures
2. Ability to travel to inspection locations both in State and out of State on reasonable notice for extended periods of time
3. Ability to lift 50 pounds (lbs) of equipment in order to carry out inspections
4. Ability to climb up to 20 feet while carrying equipment to carry out inspections

VETERANS' PREFERENCE

Veterans' Preference will be applied to those competitors who are successful in this examination and who qualify for, and have requested, Veterans' Preference through the California Department of Human Resources. Veterans who have achieved permanent civil service status are not eligible to receive Veterans' Preference.

CAREER CREDITS

Career Credits will NOT be granted in this examination.

CONTACT INFORMATION

For more information regarding this exam, please contact the exam analyst at (916) 227-7791.

GENERAL INFORMATION

For an examination without a written feature, it is the candidate's responsibility to contact **the testing department** three weeks after the cut-off date if he/she has not received his/her notice.

Applications are available at <https://jobs.ca.gov/pdf/std678.pdf>, California Department of Human Resources (CalHR) offices, and local offices of the Employment Development Department.

If you meet the requirements stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their scores.

Caltrans reserves the right to revise the examination plan to better meet the needs of the service, if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and the ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

If High School Equivalence is Required: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Educational Development (GED) Test; 2) completion of 12 semester units of college work; 3) certification from the State Department of Education, a local school board, or high school authorities that the candidate is considered to have education equivalent to graduation from high school; 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis.

Veterans' Preference: Pursuant to Assembly Bill 372, Veterans' Preference will be awarded as follows, starting January 1, 2014:

1. Any veteran, widow or widower of a veteran, or spouse of a 100 percent disabled veteran, who achieves a passing score in an open examination, shall be ranked in the top rank of the resulting eligibility list.
2. Any veteran who has been dishonorably discharged or released is not eligible for Veterans' Preference.
3. Veterans' Preference is not granted once a person achieves permanent civil service status (Permanent State civil service status means the status of an employee who is lawfully retained in his/her position after completion of the applicable probationary period. This includes permanent intermittent, part-time, and full-time appointments. In addition, individuals who at any time achieved permanent State civil service status and subsequently resigned or were dismissed from State civil service are not eligible to receive Veterans' Preference).

Veteran status is verified by the California Department of Human Resources (CalHR). Directions to apply for Veterans' Preference are on the Veterans' Preference Application (CalHR Form 1093) which is available at <https://jobs.ca.gov/Public/Jobs/Veterans.aspx>, CalHR, and the Department of Veterans Affairs.

TTY is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TTY Device.

For individuals with disabilities, this document may be available upon request in alternate formats. To obtain an alternate format, please call or write to Caltrans, Office of Examinations and Recruitment Services, P.O. Box 168036, MS 86, Sacramento, CA 95816. Voice (916) 227-7858 California Relay Service: Voice 1-800-735-2922 or TTY 1-800-734-2929.