



## STRUCTURAL STEEL WELDER

### Departmental Open

Exam Code: 2TRA6

**Department:** Caltrans  
**Bulletin Release Date:** 10/11/2016  
**Cut-off Date:** Continuous – Last business day of each month  
**Salary:** \$4,635.00 to \$5,345.00

### INTRODUCTION

Caltrans is pleased to announce the posting of the **Structural Steel Welder** examination. Employment from this examination may be offered in all Districts 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. All applicants must meet the education and/or experience requirements as stated on this examination announcement.

## FILING INSTRUCTIONS

**Please include a copy of your D1.5 All-Positions Unlimited Plate Thickness Grove Test welding certification with your State Application (STD 678).**

Applications (STD 678) 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 cut-off date will be held for the next administration of the examination. 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 30<sup>th</sup> Street, 1<sup>st</sup> Floor  
Sacramento, CA 95816

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

## POSITION STATEMENT

Under direction, to operate electric welding and shop equipment such as iron workers, hydraulic presses, cutoff saws, band saws, drill presses and magnetic drills; to operate an oxyacetylene torch and welding equipment in heating; cutting and performing related work in maintaining and repairing steel structures; and to do other related work.

## ELIGIBLE LIST INFORMATION

A Departmental Open eligible list will be established for Caltrans in all Districts 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.

## MINIMUM QUALIFICATIONS

**License or Certification Requirements:** Possession of the American Welding Society (AWS) D1.5 All-Positions Unlimited Plate Thickness Groove Test welding certification.

**Experience:** Three years of experience in electric arc welding and oxyacetylene cutting, one year of which must have been on bridge or similar high structures.

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/6598.aspx>

## EXAMINATION INFORMATION

This examination will utilize an evaluation of each candidate’s experience and education/training compared to a standard developed from the class specification. For this reason, it is especially important that each candidate take special care in accurately and completely filling out his or her application. List all experience relevant to the “Minimum Qualifications” shown on this announcement. Supplementary information will be accepted, but read the “Minimum Qualifications” carefully to see what kind of information will be useful to the staff doing the evaluation.

This examination will be 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. Welding symbols, methods, materials, tools, and equipment used in fusion welding on structural steel and metal alloys
2. Proper methods of applying heat to structural steel member
3. Basic safety practices contained in the California Code of regulations, Title 8 Industrial Relations, Construction Safety orders, and the General Industry of Safety Orders regarding personal protective equipment

4. Hand tools used for metal working (forging) and fabrication (building/assembly)
5. Power tools used for metal fabrication

**Ability to:**

1. Used an electric welder and a gas welder in cutting and welding work and their adjustment and maintenance
2. Operate shop equipment such as iron workers, hydraulic presses, cutoff saws band saws, drill presses, and magnetic drills
3. Read, interpret, and work from plans, drawings and specifications
4. Follow directions
5. Work at considerable heights over land and water
6. Do fabrication and repair of moveable ladders, scaffolding, staging, and miscellaneous bridge components and equipment
7. Use an electric welder and as welder for cutting and welding work in a confined space while wearing required personal protective equipment
8. Communicate effectively with those encountered in the course of work
9. Work in extreme weather conditions including, but not limited to, marine environments, extreme temperatures, and high winds
10. Work adjacent to moving traffic

### **ADDITIONAL DESIRABLE QUALIFICATIONS**

Willingness to work rotating or irregular shifts including Holidays and weekends.

### **SPECIAL REQUIREMENTS**

Applicants for positions in this class are required to pass a drug screening test. Testing of current employees who are transferring is permitted on if the person does not have a current appointment to a class for which drug testing is a requirement.

### **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.

### **CAREER CREDITS**

Career Credits will not be granted in this examination.

### **CONTACT INFORMATION**

For more information regarding this examination, please contact the examination 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.

**Candidates needing special testing arrangements** due to a disability must mark the appropriate box on the application and/or contact the testing department.

**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.

**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.*