



# CSWIP Program

The following documents are included in this package. Please scroll down to view all documents or click on the [BLUE](#) link.

## **TABLE OF CONTENTS**

- CSWIP Program Information
- CSWIP Application
- Body of Knowledge
- Visual Acuity Record
- [AWS Welding Inspector Seminar and Exam Schedule](#)
- [AWS Certification Price List](#)
- [AWS Exam Cancellation Refund Policies and Other Fees](#)



## **AWS CWI PROGRAM INFORMATION FOR CANDIDATES HOLDING *CERTIFICATION SCHEME* *FOR WELDING AND INSPECTION PERSONNEL* (CSWIP) CREDENTIALS**

The American Welding Society offers certification to their Certified Welding Inspector (CWI) program for those who are currently certified to the Welding Inspector or Senior Welding Inspector level of CSWIP. This program is not applicable to either the AWS Senior Certified Welding Inspector (SCWI) nor the AWS Certified Associate Welding Inspector (CAWI) levels. To apply for the AWS CWI credential, you must complete the application, provide proof that you qualify (provide a copy of your current CSWIP certificate with expiration date), and take the AWS CWI Part B bridging exam. CSWIP candidates are not required to take Parts A and C of the AWS CWI exam. Upon successful completion of the exam, the candidate will receive certification as an AWS Certified Welding Inspector. It is the responsibility of the individual who receives certification from AWS to maintain its validity with AWS. For further renewal and recertification information, please refer to AWS QC1, *Standard for AWS Certification of Welding Inspectors*.

To qualify for examination registration, a *CSWIP Part B Bridging Exam Application* and the required supporting documentation must be submitted and approved. Applications with incomplete or missing information will be considered unqualified unless the missing documentation can be provided within two (2) week of being notified (via telephone or email) that their application is incomplete. If the applicant fails to meet the qualification criteria for the exam, the exam fee will be refunded minus a processing fee.

Please be advised that you will be notified within six weeks after your application has been submitted.

Because space is very limited at an exam site, the application submission deadline is six weeks prior to the scheduled exam date. Applications that do not meet this criteria will be assessed a \$250 Fast Track fee to expedite the process and to accommodate the exam site requested. **Faxed applications are not accepted.** We recommend that you use priority mail with tracking options when mailing your application. If you choose to mail your application via overnight delivery, please mail directly to:

**American Welding Society 550 NW LeJeune Road Miami, FL 33126**

Please retain a copy of the application for your records. All checks and money orders are to be made payable to AWS. Test results will be released only if the application is complete and payment is received. If you have any questions or concerns, please contact the AWS Certification Department at: (800) 443-9353, ext. 273. Our Certification Coordinators are available to assist you Monday through Friday from 8:00 am to 5:00 pm EST.



# American Welding Society

550 NW LeJeune Rd, Miami, FL 33126  
(800) 443-9353 or (305) 443-9353, ext. 273

# CSWIP PART B BRIDGING EXAM APPLICATION

## 1. PERSONAL INFORMATION

LAST NAME															FIRST NAME															MI	
ADDRESS (Company or Personal)																														APT No.	
CITY AND STATE / PROVINCE / COUNTRY																									ZIP CODE						
HOME TELEPHONE NUMBER										WORK TELEPHONE										FAX TELEPHONE NUMBER											
E-MAIL ADDRESS																															

## 2. PLEASE INDICATE THE EXAM LOCATION OF YOUR CHOICE:

1<sup>st</sup> Site Code: \_\_\_\_\_ Exam Date: \_\_\_\_\_ City/State: \_\_\_\_\_ \*Submission Deadline: \_\_\_\_\_  
 2<sup>nd</sup> Site Code: \_\_\_\_\_ Exam Date: \_\_\_\_\_ City/State: \_\_\_\_\_ \*Submission Deadline: \_\_\_\_\_  
 3<sup>rd</sup> Site Code: \_\_\_\_\_ Exam Date: \_\_\_\_\_ City/State: \_\_\_\_\_ \*Submission Deadline: \_\_\_\_\_

**NOTE:** AWS strongly recommends the applicant selects a second and third site location alternative. If the first choice is not available, the next location will be selected. \*The application submission deadline is six weeks prior to the scheduled exam date. Applicants who do not meet this criteria must contact the Certification Department for Fast Track processing procedure and an additional fee will apply.

## 3. CSWIP CERTIFICATION

Please include a photocopy of your CSWIP Welding Inspector or Senior Welding Inspector certificate along with this application.

## 4. TESTIMONIAL

I hereby certify I have read the requirements contained in AWS QC1, *Standard for AWS Certification of Welding Inspectors*. Further, I agree to comply with the existing requirements and any subsequent requirements that may be instituted by AWS. I certify the information I have included on this application is true. I understand any false statements will nullify this application. I give AWS permission to verify this information. I agree to comply with the provisions set forth in AWS QC1 concerning the administration of my examination and certification. Upon obtaining my certification, I give AWS the right to reveal my certification status as it relates to my validity and expiration date only. I further understand any information that is incomplete or missing will place my application on a conditional basis. Therefore, test results will not be released until all obligations are fulfilled.

Applicant's Signature \_\_\_\_\_ Date: \_\_\_\_\_ CSWIP No. \_\_\_\_\_

### THE FOLLOWING IS TO BE COMPLETED BY A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO AUTHENTICATE SIGNATURES

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My commission expires \_\_\_\_\_ Notary Public Signature \_\_\_\_\_ (seal and/or stamp is REQUIRED)

## 5. METHOD OF PAYMENT

- Bill Me / PO (Staple PO to front page of application)  
 Check or money order # \_\_\_\_\_  
 VISA  MC  AMEX  Diners  Discover

CC#: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Exp: \_\_\_\_\_ / \_\_\_\_\_

SIGNATURE \_\_\_\_\_

## AWS USE ONLY

Acct #: \_\_\_\_\_

Date: \_\_\_\_\_

Amt\$: \_\_\_\_\_ CSWIP

# BODY OF KNOWLEDGE

## AWS Certified Welding Inspector

The following is an **approximate** breakdown of the examination categories and the number of questions drawn from each subject area.

<b>PART A: FUNDAMENTALS</b>	
<i>Subject</i>	<i>Percentage</i>
Welding Processes	10%
Heat Control & Metallurgy (carbon and low-alloy steel)	6%
Weld Examination	9%
Welding Performance	9%
Definitions and Terminology	12%
Symbols – Welding and NDE	10%
Test Methods – NDE	8%
Reports and Records	6%
Duties and Responsibilities	4%
Safety	5%
Destructive Tests	4%
Cutting	3%
Brazing	2%
Soldering	1%

<b>PART B: PRACTICAL</b>	
<i>Subject</i>	<i>Percentage</i>
Procedure and Welder Qualifications	30%
Mechanical Test and Properties	10%
Welding Inspection and Flaws	36%
NDE	10%
Utilization of Specification and Drawings	10%

<b>PART C: CODE APPLICATIONS</b>	
<i>Subject</i>	<i>Percentage</i>
Materials and Design	10%
Fabrication	30%
Inspection	25%
Qualification	30%

### **AWS – RECOMMENDED SELF-STUDY** **Examination Preparatory Material**

**Note:** D1.1:2006 or 2008 editions may be used as study material.

<b>AWS PUBLICATIONS</b>	<b>ORDER NUMBER</b>
<i>Certification Manual for Welding Inspectors</i>	CM: 2000
<i>Welding Inspection Handbook</i>	WI: 2000
* <i>D1.1/D1.1M Structural Welding Code-Steel</i>	D1.1/D1.1M: 2008
* <i>D1.1 Code Clinic Reference Manual</i>	D1.1CCRM: 2008
* <i>API 1104 Study Guide for API Standard 1104 Welding of Pipelines</i>	API-M: 2008
* <i>Welding Inspection Technology</i>	WIT-T-2008
* <i>Welding Inspection Technology (Workbook)</i>	WIT-W: 2008
* <i>Welding Inspection Technology Sample CWI Fundamentals Exam</i>	WIT-E: 2008
* <i>Standard Welding Terms and Definitions</i>	A3.0:2001
* <i>Standard Welding Symbols</i>	A2.4: 2007
* <i>Visual Inspection Workshop Reference Manual</i>	VIW-M: 2008
* <i>Guide for the Nondestructive Examination of Welds</i>	B1.10: 1999
* <i>Specification for the Qualification of Welding Inspectors (errata 2007)</i>	B5.1: 2003
❖ <b>Books are provided to participants at the AWS Seminars</b>	

<b>CODE SUBJECTS AVAILABLE</b>
AWS D1.1- Structural Steel Code: 2006 or 2008 edition
API1104- Pipelines 20 <sup>th</sup> edition with 2007 errata/addenda
AWS D1.2- Structural Aluminum Code: 2003 or 2008 edition
ASME Section IX (2007 edition), B31.1 (2007 edition), & B31.3 (2006 edition)
AWS D15.1 - Railroad: 2007 edition
ASME Sections VIII (Div 1) & IX, (both 2007 editions)
AWS D1.5- Bridge Welding Code: 2008 edition

<b>OTHER RECOMMENDATIONS</b>	<b>ORDER NUMBER</b>
AWS Welding Handbook Series	WHB-ALL
Guide for the Visual Examination of Welds	B1.11: 2000
Safety in Welding, Cutting and Allied Processes	ANSI Z49.1: 2005

### **TO PURCHASE ANY OF THE AWS PUBLICATIONS OR THE API1104 CODEBOOK:**

- ❑ Contact WEX at 888-WELDING or 305-824-1177
- ❑ Or visit the website at [www.awspubs.com](http://www.awspubs.com)



# American Welding Society

550 NW LeJeune Rd Miami, FL 33126  
(800) 443-9353 or (305) 443-9353, ext. 273  
FAXED APPLICATIONS ARE NOT ACCEPTED

# VISUAL ACUITY RECORD

LAST NAME : \_\_\_\_\_ Certification # (if applicable) : \_\_\_\_\_

FIRST NAME : \_\_\_\_\_ MEMBER # (if applicable) : \_\_\_\_\_

If scheduled to take an AWS certification exam, site location: \_\_\_\_\_ Date \_\_\_\_\_

### TO APPLICANTS:

This form must be submitted for all Welding Inspector and Radiographic Interpreter applications. Applicants for the Certified Welding Educator only are not required to complete this form.

Before submitting this form with your application to AWS, be sure to keep a copy for your records. If you're unable to supply a completed Visual Acuity Record with your application prior to a submission deadline, you may forward this form to the Certification Department separately. Exam applicants may submit completed Visual Acuity Records on exam day. AWS will not release exam results and/or certification renewal without a completed Visual Acuity Record on file.

You must use the services of an Ophthalmologist, Optometrist, Medical Doctor, Registered Nurse or Certified Physician's Assistant to administer your required eye examination. The examination must occur within the seven months prior to the scheduled date of the applicant's examination and/or certification expiration date.

All applicants must pass an eye examination, with or without corrective lenses, to prove near vision acuity on Jaeger J2 at 12 in. or greater ( $\geq 30.5$  cm). All applicants shall take a color perception test. Eye examination results must be documented on this visual acuity form supplied by the AWS Certification Department. No other forms will be accepted.

AWS will not accept visual acuity test results that are incomplete or do not comply with regulations.

## THE FOLLOWING THREE SECTIONS ARE TO BE COMPLETED BY THE EYE EXAMINER

1. Please verify the customer's close vision acuity to Jaeger J2 specifications at a distance of 12 inches or greater ( $\geq 30.5$ cm): (please check one of the following)		AWS use only
<input type="checkbox"/>	Both eyes require corrected vision to J2	W
<input type="checkbox"/>	Only one eye needs corrected vision to J2	W
<input type="checkbox"/>	No correction is required.	O

2. Through a color perception examination, is the applicant colorblind? (please check one of the following)		AWS use only
<input type="checkbox"/>	No, customer is not colorblind	C
<input type="checkbox"/>	Yes, customer is colorblind.	B

### 3. PLEASE PRINT CLEARLY

CUSTOMER NAME: \_\_\_\_\_ DATE OF EYE EXAMINATION: \_\_\_\_\_

EXAMINER NAME: \_\_\_\_\_ TELEPHONE NUMBER: ( ) \_\_\_\_\_ - \_\_\_\_\_

EXAMINER ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ ST/PROVINCE: \_\_\_\_\_ ZIP: \_\_\_\_\_ COUNTRY: \_\_\_\_\_

EXAMINER PROFESSIONAL STATUS BY (please check only one):

Ophthalmologist     Optometrist     Medical Doctor     Registered Nurse     Certified Physician's Assistant

EXAMINER SIGNATURE: \_\_\_\_\_ STATE/PROV. LICENSE NUMBER: \_\_\_\_\_