



Credential Tip Sheet: CIP Code 48.0508

Welding, Brazing and Soldering

Career Cluster: Manufacturing

Credentials

AWS D1.1 Performance Qualification
Record Series

Credentialing Agency

American Welding Society
8669 NW 36 Street, #130
Miami, FL 33166-6672

Contact

Phone: 800-443-9353 or 305-443-9393 ext. 225

Website: aws.org/home

General Questions: <https://www.aws.org/about/page/contact>

AWS Training Seminars:

<https://awo.aws.org/instructor-led-seminars/seminar-exam-schedule/>



Credential Information

[AWS D1.1 Performance Qualification Record - SMAW](#)

[AWS D1.1 Performance Qualification Record - FCAW](#)

[AWS D1.1 Performance Qualification Record - GMAW-Short Circuit](#)

[AWS D1.1 Performance Qualification Record - GMAW-Spray](#)

[AWS D1.1 Performance Qualification Record - GTAW](#)

What are the content areas covered by the credential?

The AWS D1.1 Structural Welding Code credentials include the following content: Welding Safety, Reading and Interpreting Welding Symbols, Drawings and Sketches, Inspecting Welding Joints, and Performing Welding Processes (SMAW, GMAW, FCAW and GTAW). Teachers can learn more on the following links: [AWS D1.1 Forms](#), and [AWS Structural Welding Code-Steel Book](#).

Credential Qualifications or Pre-requisites

There are no qualifications or pre-requisites to take this exam.

Exam Information

The instructor has the option to choose the performance qualification test that best fits their students and business/industry needs. The performance evaluations are monitored and scored according to [AWS D1.1 Structural Welding Code](#). The performance evaluations are evaluated as pass/fail. It is recommended that the evaluation is done by a [Certified Welding Inspector \(CWI\)](#) or an individual who, by training or experience, or both, in metals fabrication, inspection and testing, is qualified to perform inspection of the work. If the instructor is not a CWI, it is recommended that the instructor attend visual inspection training that meets guidelines or collaborate with a local CWI to complete the evaluations. A [performance qualification record](#) (PQR) is used to document the student's performance. Upon earning the credential, the CWI or qualified individual will provide the student with a completed PQR and keep a copy on file. To learn more about the requirements to become a CWI visit: [Professional Certifications: Certification : American Welding Society \(aws.org\)](#)

Exam Accommodations

Contact sales@aws.org for information on exam accommodations.



CTE Program Information

Lee Greenacre, Education Consultant
GreenacreL@Michigan.gov

CTE Assessment Policies

Dr. Valerie Milton, Research Consultant
517-335-1066
MiltonV@Michigan.gov

