

Title of Endorsement

AWS Structural Drawing Reading Endorsement – Building Structures

Scope of Endorsement (description)

AWS QC1, *Standard for AWS Certification of Welding Inspectors* provides for endorsements that may be added to the CWI and SCWI certifications. Endorsements are defined in AWS QC1 as “the approval of an additional skill documented in writing and added to a certification credential.”

This endorsement shall govern the written examination for structural drawing reading.

Training Requirements

There are no mandatory training requirements. Candidates are encouraged to attend a seminar or self-study to become familiar with reading structural plans and drawings.

Qualification Requirements

All candidates shall hold a current AWS CWI or SCWI credential.

Examination Requirements

Candidates shall pass a closed-book written examination on structural drawing reading consisting of at least 30 multiple choice questions in two hours.

Successful candidates must correctly answer 72% of the questions to receive this endorsement. Three re-examinations are permitted per three year period.

How endorsement will be expressed

Existing CWIs and SCWIs who wish to have this endorsement listed on their secondary wallet card shall receive a new card which will contain the following information:

Structural Drawing Reading – Building Structures (date of examination)

Reference materials necessary

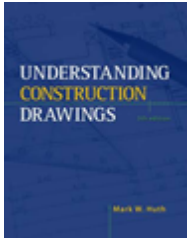
None, structural drawings for the exam will be provided. Below are possible study materials that may assist you in preparing for the exam.



Blueprint Reading: Construction Drawings for the Building Trades

Blueprint Reading: Construction Drawings for the Building Trade presents a complete overview of construction drawing basics for every aspect of the construction process - from site work, foundations, and structural systems to interior work and finishes. Incorporating all the latest technological advances, this vital construction tool explains blueprint standards, computer-aided design, sections, elevations, schedules, site plans, architectural plans, and much more.

Author: Sam Kubba
Publisher: McGraw-Hill Professional
ISBN Number: 0071549862



Understanding Construction Drawings, 5th Edition

Understanding Construction Drawings, 5th Edition, continues to highlight a range of real construction projects - from residential dwellings to commercial structures. The enhanced edition combines information and a hands-on approach to learning. The text provides thorough coverage that builds the foundation for a broad understanding of the entire construction process.

Author: Mark W. Huth
Publisher: Cengage Learning
ISBN Number: 1435464478

Eligibility for initial certification or 9-year recertification

This endorsement is not authorized to meet initial CWI certification examination requirements. It will count towards the examination requirements for the 9-year recertification.

Renewal requirements for this endorsement

This endorsement does not have any requirements for renewal. It will automatically be renewed at each CWI renewal or recertification. The endorsement will continue to be listed on the CWI card at the discretion of the individual SCWI/CWI.

Continuing education credits

40 PDHs will be awarded upon successful completion of this endorsement.

Comments on special conditions or requirements

N/A

Revision 1 – Pittsburgh, PA – July 26, 2012
Date of Certification Committee Approval: July 26, 2012
Effective Date: July 26, 2012