



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

Part A: Fundamentals (CWI and CWE)

Table with 2 columns: Subject, Percentage. Lists subjects like Welding Processes (10%), Heat Control & Metallurgy (6%), Weld Examination (9%), etc.

Part B: Practical (CWI and CWE)

Table with 2 columns: Subject, Percentage. Lists subjects like Procedure and Welder Qualifications (30%), Mechanical Test and Properties (10%), etc.

Part C: Code Book Applications (CWI, CWE and SIE)

Table with 2 columns: Subject, Percentage. Lists subjects like Materials and Design (10%), Fabrication (30%), Inspection (25%), Qualification (30%).

Code subjects available and current exam editions (applicants must provide own codebook for exam)

Table listing code subjects and editions: AWS D1.1- Structural Steel Code: 2010 Second Printing Edition, API 1104- Pipelines 20th or 21st Editions, etc.

\*Effective Friday, May 15th, 2016, the following codebooks will be updated in the exam, and candidates will be required to use the updated version with the corresponding exam: AWS D1.5 2015 Edition ASME Sec IX 2015 Edition

Note: The editions listed above apply to the English version only. To verify the edition being used with language-assisted exams, please contact the AWS Certification department or the Agent.

1 Percentages indicate the minimum required for each category in an examination.

AWS - Recommended Self-Study Examination Preparatory Material

Table with 2 columns: AWS Publications, Order Number. Lists publications like Certification Manual for Welding Inspectors (CM: 2000), Welding Inspection Handbook (WI: 2000), etc.

\*Books are provided to participants of the AWS Seminar week

Table with 2 columns: Other Recommendations, Order Number. Lists recommendations like AWS Welding Handbook Series (WHB-ALL), Guide for the Visual Examination of Welds (B1.11: 2000), etc.

To purchase any of the AWS publications or the API 1104 Codebook:

Contact WEX at 888-WELDING or 305-824-1177

Or visit the website

To purchase any of the ASME publications:

Contact ASME at 800-843-2763

Or visit the ASME website