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For exams taken at Prometric and AWS Sites

To apply to any of the programs listed below,

please visit my.aws.org

AWS Certified Welding Inspector

CWI Part A: Fundamentals Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

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AWS Certified Welding Inspector

CWI Part B: Practical Exam

Exam Related Information	Exam Reference	Physical Reference Provided?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS Book of Specifications (BOS) 2017	✓	✗	✗

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AWS CWI/SCWI Endorsement

AWS D1.1 Structural Steel Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS D1.1/D1.1M:2025 – Structural Welding Code – Steel	✓	✓	✗

AWS CWI/SCWI Endorsement

AWS D1.2 Structural Aluminum Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS D1.2/D1.2M:2014 – Structural Welding Code – Aluminum	✓	✓	✓

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AWS CWI/SCWI Endorsement

AWS D1.5 Bridge Welding Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AASHTO/AWS D1.5/D1.5M:2020 – Bridge Welding Code	✓	✓	✗

AWS CWI/SCWI Endorsement

AWS D15.1 Railroad Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS D15.1/D15.1M:2019 – Railroad Welding for Cars and Locomotives	✓	✓	✗

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AWS CWI/SCWI Endorsement

AWS D17.1 Aerospace Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS D17.1/D17.1M:2024 – Specification for Fusion Welding for Aerospace Applications	✓	✓	✗

AWS CWI/SCWI Endorsement

API 1104 Pipeline Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	API 1104: Welding of Pipelines and Related Facilities – 22nd Edition	✓	✓	✗

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AWS CWI/SCWI Endorsement

ASME BPVC Section IX, B31.1 (Power Piping) and B31.3 (Process Piping) Exam

	Exam Reference	Physical Codebook Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*ASME BPVC Section IX Welding, Brazing, and Fusing Qualifications - 2023*	✓	✗	✗
	ASME B31.1 Power Piping - 2024	✓	✗	✗
	ASME B31.3 Process Piping - 2024	✓	✗	✗

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AWS CWI/SCWI Endorsement

ISO Standards Endorsement Exam

	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*EN 15085: 2007 Railway Applications - Welding of Railway Vehicles and Components (Parts 1 - 5)*	✓	✓	✓
	ISO 9606-1:2012 Qualification Testing of Welders - Fusion Welding - Part 1: Steels	✓	✓	✓
	ISO 15614-1:2017 Specification and Qualification of Welding Procedures for Metallic Metals - Welding Procedure Test - Part 1	✓	✓	✓
	ISO 5817:2014 Welding - Fusion Welded Joints in Steel, Nickel, Titanium, and their Alloys (beam welding excluded) - Quality Levels for Imperfections	✓	✓	✓

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AWS CWI/SCWI Endorsement

AWS Welder Performance Qualifier Endorsement

	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*AWS Best Practices for Performing a Welder Qualification Test*	✓	✓	✗
	AWS B2.1/B2.1M:2021 - Specification for Welding Procedure and Performance Qualification	✓	✓	✗
	AWS B5.4:2005 - Specification for the Qualification of Welder Test Facilities	✓	✓	✗

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For exams taken at Prometric and AWS Sites

AWS CWI/SCWI Endorsement

AWS Welding Procedure Qualifier Endorsement

	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*AWS D1.1/D1.1M:2020 – Structural Welding Code – Steel*	✓	✓	✗
	AWS B2.1/B2.1M:2021 - Specification for Welding Procedure and Performance Qualification	✓	✓	✗

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AWS CWI/SCWI Endorsement

AWS Welding Coordination and Quality Assurance Endorsement

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

AWS CWI/SCWI Endorsement

AWS Nondestructive Examination Coordination Endorsement

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

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For exams taken at Prometric and AWS Sites

AWS CWI/SCWI Endorsement

AWS Magnetic Particle Testing Part A Exam

Exam Related Information	
	Closed-Book Exam Please refer to the Body of Knowledge for suggested self-study material

AWS CWI/SCWI Endorsement

AWS Magnetic Particle Testing Part B Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS Magnetic Particle (MT Dry Powder Yoke Method) Endorsement Book of Specifications	✓	✗	✗

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AWS CWI/SCWI Endorsement

AWS Magnetic Particle Testing Part C Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS Magnetic Particle (MT Dry Powder Yoke Method) Endorsement Book of Specifications	✓	✓	✓

AWS CWI/SCWI Endorsement

AWS Penetrant Testing Part A Exam

Exam Related Information	
	Closed-Book Exam Please refer to the Body of Knowledge for suggested self-study material

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AWS CWI/SCWI Endorsement

AWS Penetrant Testing Part B Exam

Exam Related Information	Exam Reference	Physical Reference Provided?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS Penetrant Testing (PT Type II-Method C) Endorsement Book of Specifications	✓	✗	✗

AWS CWI/SCWI Endorsement

AWS Penetrant Testing Part C Exam

Exam Related Information	Exam Reference	Physical Reference Provided?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS Penetrant Testing (PT Type II-Method C) Endorsement Book of Specifications	✓	✓	✓

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AWS Certified Radiographic Interpreter

AWS CRI Part A General Knowledge Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

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For exams taken at Prometric and AWS Sites

AWS Certified Radiographic Interpreter

AWS CRI Part B & C Exam

	Exam Reference	Physical Reference Provided?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*AWS D1.1/D1.1M:2008 – Structural Welding Code - Steel*	✓	✗	✗
	API 1104: Welding of Pipelines and Related Facilities – 19th and 20th Editions	✓	✗	✗
	ASME Section V, Article 2, Boiler & Pressure Vessel Code, Nondestructive Examination (2001 – 03 Addenda)	✓	✗	✗
	ASME Section V, SE-94 (ASTM E 94-00) Standard Guide for Radiographic Examination	✓	✗	✗
	ASME Section VIII, Division 1, Rules for Construction of Pressure Vessels, UW-51 and UW-52	✓	✗	✗

List of exam references for CRI Part B & C Exam continued next page.

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AWS Certified Radiographic Interpreter

AWS CRI Part C Code Knowledge Exam

	Exam Reference	Physical Reference Provided?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	ASTM E 747-97, Standard Practice for Design, Manufacture and Material Grouping Classification of Wire Image Quality Indicators (IQI) Used for Radiology	✓	✗	✗
	ASTM E 1025-98, Standard Practice for Design, Manufacture and Material Grouping Classification of Hole-Type Image Quality Indicators (IQI) Used for Radiology	✓	✗	✗
	ASTM E 1032-01, Standard Test Method for Radiographic Examination of Weldments	✓	✗	✗
	ASTM E 1742-00, Standard Practice for Radiographic Examination	✓	✗	✗

NOTE: The above references for CRI will be available for temporary use by the students at the training course and by the candidates for certification. Users interested in purchasing these standards for their own use may do so using the embedded links.

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For exams taken at Prometric and AWS Sites

AWS Certified Welding Supervisor

AWS CWS Part A and B Exams

	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*AWS WHB 1.12 Economics of Welding and Cutting*	✓	✓	✓
	AWS WHB - ALL AWS Welding Handbook Series	✓	✗	✗
	Certified Welding Supervisor Manual for Quality and Productivity Improvement	✓	✓	✓
	NSRP Study - Welding Supervisor Training and Certification	✓	✓	✓
	AWS QC13:2006 Specification for the Certification of Welding Supervisors	✓	✓	✓
	AWS B5.9:2006 Specification for the Qualification of Welding Supervisors	✓	✓	✓
	AWS A2.4:2012 Standard Symbols for Welding, Brazing, and Nondestructive Examination	✓	✓	✓
	AWS A3.0:2010 Standard Welding Terms and Definitions	✓	✓	✓
	ANSI Z49.1 Safety in Welding Cutting, and Allied Processes	✓	✓	✓

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For exams taken at Prometric and AWS Sites

AWS Certified Welding Sales Representative

AWS CWSR Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

AWS Certified Welding Engineer

AWS CWENG Part 1: Basic Science Fundamental Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

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For exams taken at Prometric and AWS Sites

AWS Certified Welding Engineer

AWS CWENG Part 2: Applied Science Fundamental Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

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AWS Certified Welding Engineer

AWS CWENG Part 3: Welding Related Disciplines Exam

	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
Exam Related Information	*ANSI Z49.1 Safety in Welding, Cutting and Allied Processes*	✓	✗	✗
	AWS Welding Handbook, Volume 1-5	✓	✗	✗
	Blodgett: Design of Weldments	✓	✗	✗
	Lippold & Kotecki: Welding Metallurgy and Weldability of Stainless Steels	✓	✗	✗

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For exams taken at Prometric and AWS Sites

AWS Certified Welding Engineer

AWS CWENG Part 4: Practical Welding and Related Applications Exam

Exam Related Information	Exam Reference	Physical Reference Permitted?	Digital Reference Provided at Testing?	Provided Digital Reference Searchable?
	AWS D1.1/D1.1M:2020 – Structural Welding Code – Steel	✓	✓	✗

AWS Certified Resistance Welding Technician

AWS CRWT Exam

Exam Related Information	
	Closed-Book Exam Please refer to the Body of Knowledge for suggested self-study material

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AWS Certified Robotic Arc Welding

AWS CRAW Part A: Fundamentals Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

AWS Certified Robotic Arc Welding

AWS CRAW Part B: Performance Exam

Exam Related Information	**Closed-Book Exam** Please refer to the Body of Knowledge for suggested self-study material

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