American Welding Society

Examination User Guide

Certified Welding Engineer

(CWEng) Exam

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CONTACT INFORMATION

American Welding Society

www.AWS.org

- Office Hours: Monday – Friday 8:00 am - 7:00 pm EST
- Phone: 1-800-443-9353, Option 3
- Email: customercare@aws.org

- General information on the certification process
- Qualifications for certification
- Registration/application process
- Application status
- Exam scoring
- Exam accommodations
- FAQs

Prometric

www.Prometric.com

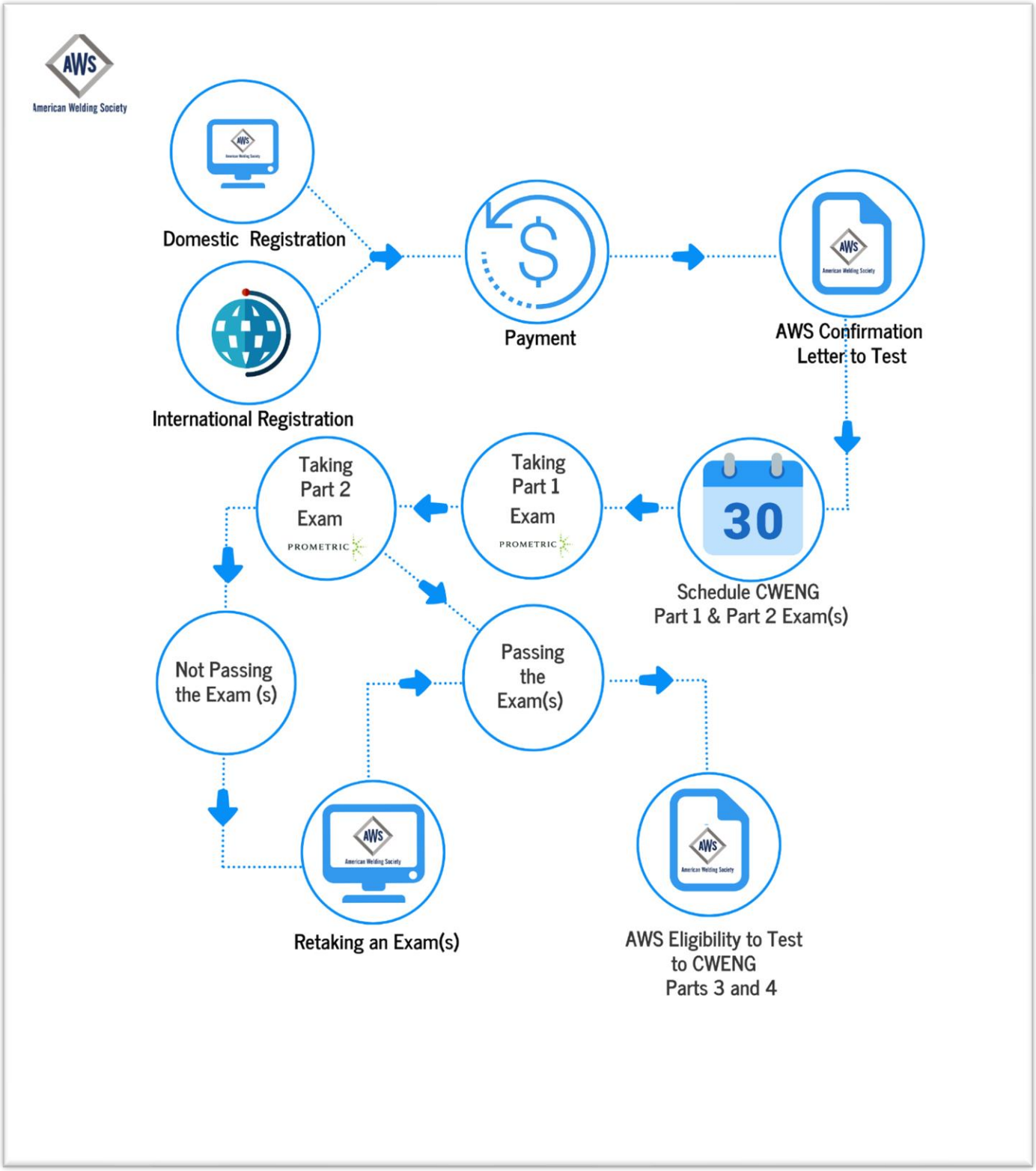
- Phone: for US, US Territories and Canada 1-800-864-5257
- International phone numbers: See website.

- General information on computer-based testing
- Test center locations
- Test center regulations
- Acceptable forms of ID
- Scheduling/rescheduling your exam appointment
- Admittance requirements
- Inclement weather or power failure on your scheduled exam date
- For previously unscheduled site closure
- FAQs

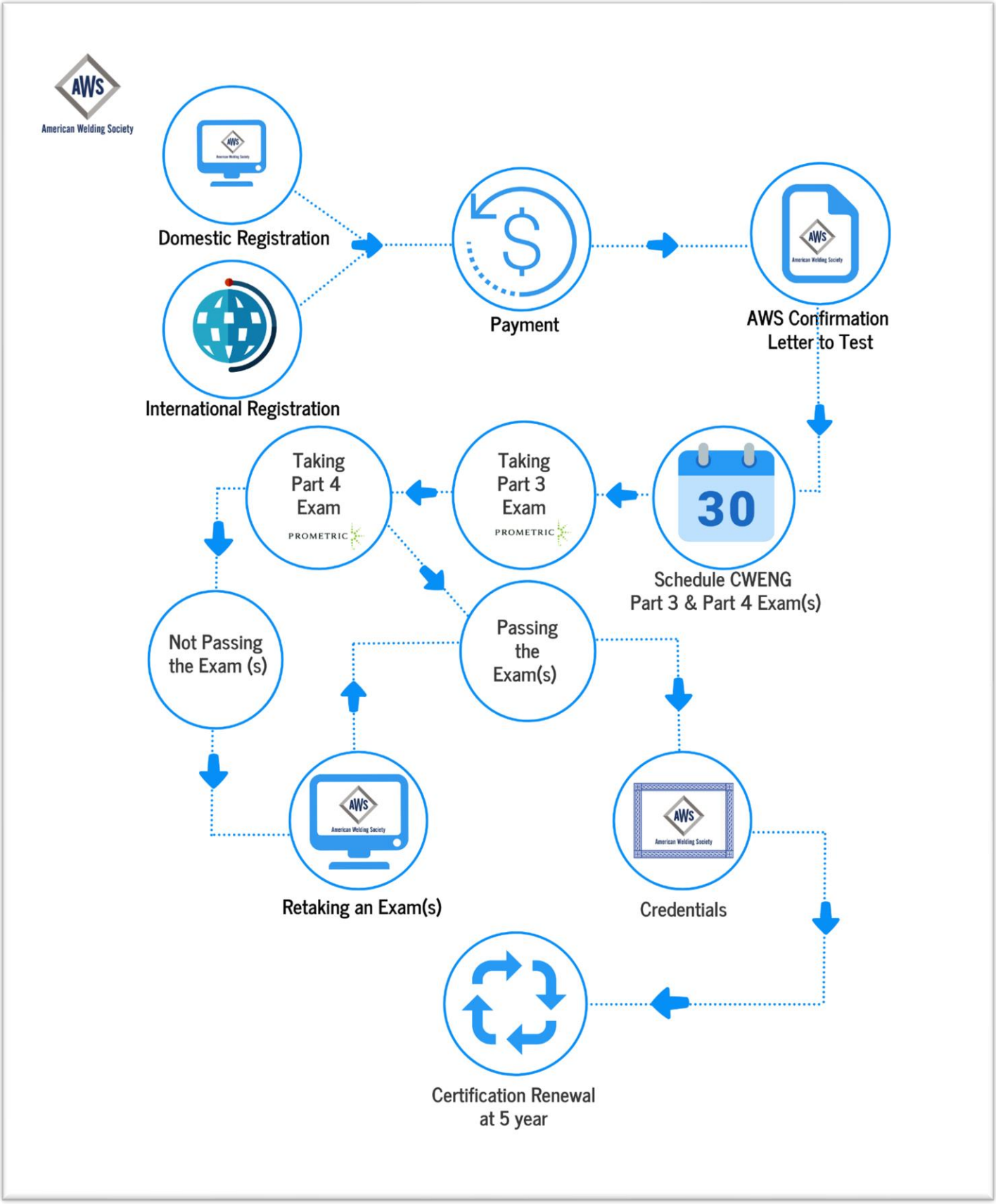
American Welding Society®
INTERNATIONAL AGENT

- Agent schedule and contact information, please click HERE
- General information on the certification process
- Qualifications for certification
- Registration/application process
- Application status
- Pricing for examination and additional services

AWS CWEng PART 1 AND PART 2 EXAM TAKING PROCESS



AWS CWEng PART 3 AND PART 4 EXAM TAKING PROCESS



OVERVIEW

The role of the Welding Engineer is critical to the integrity of the vast number of buildings, vehicles, machinery, and products that require welds. The Welding Engineer can direct those operations associated with weldments and other types of joints that are completed by the appropriate contract documents, codes, and other standards to produce a satisfactory product. The welding engineer's activities begin before production or construction welding and continue through the production process, ending when the production process is complete.

The American Welding Society (AWS) Certified Welding Engineer (CWEng) certification is among the best and respected in the industry. For more information, please review the following governing Standard:

- *AWS B5.16-2006 - Specification for the Qualification of Welding Engineers*

This Examination User Guide contains essential information on the rules, policies, procedures, and exam content for candidates seeking the AWS CWEng credential. This User Guide is subject to change.

THE AWS CERTIFIED WELDING ENGINEER CREDENTIAL

A person with the demonstrated education, experience, and knowledge as defined by the B5:16-2006 Standard and who successfully passes the required examinations is considered certified as an AWS CWEng.

THE CERTIFIED WELDING ENGINEER EXAM PARTS

According to B5:16-2006, Clause 9, candidates seeking to become a CWEng must pass four exams to obtain their credential. Test Specifications are a breakdown of examination content areas along with the proportion of the examination devoted to each content area.

Part 1 (Basic Science Fundamental Examination, Clause 9.1)

Test Specifications

The CWEng Part 1 exam is composed of the following domains and weights (percent of questions on the examination).

Content Domain	Percent of Questions on Exam
Mathematics	25%
Physics	50%
Chemistry	25%
Total	100%

Informative References for Self-Education

For self-study purposes, applicants preparing for the AWS CWENG examination can consult the *Suggested Reference List* found in the B5.16:2006 *Annex A*.

References for Taking the Examination

There are no specific reference books you should study.

General Exam Information

- Exam Type: Closed book exam
- Exam Delivery: Computer-based test, at Prometric test centers
- Exam Content Time: Two (2) hours (120 minutes) for exam question answering.
- Exam Question Type: Multiple choice questions
- Number of Exam Questions: 36

The Passing Score

Successful candidates must correctly answer 60% of the questions to pass the examination. The reported scores are rounded down to the nearest lower whole percent number.

Part 2 (Applied Science Fundamental Examination, Clause 9.2)

Test Specifications

The CWEng Part 2 exam is composed of the following content domains and weights (percent of questions on the examination).

Content Domain	Percent of Questions on Exam
Strength of Materials	40%
Heat Transfer and Fluid Mechanics	30%
Electricity	30%
Total	100%

Informative References for Self-Education

For self-study purposes, applicants preparing for AWS CWENG examination can consult the *Suggested Reference List* found in the B5.16:2006 *Annex A*.

References for Taking the Examination

There are no specific reference books you should study.

General Exam Information

- Exam Type: Closed book exam
- Exam Delivery: Computer-based test, at Prometric test centers
- Exam Content Time: Two (2) hours (120 minutes) for exam question answering.
- Exam Question Type: Multiple choice questions
- Number of Exam Questions: 27

The Passing Score

Successful candidates must correctly answer 60% of the questions to pass the examination. The reported scores are rounded down to the nearest lower whole percent number.

Important

Candidates are required to take Part 1 and Part 2 of the CWEng exam prior to taking Part 3 and Part 4. The candidate only needs to retake the part they fail.

Part 3 (Welding Related Disciplines Examination, Clause 9.3)

Test Specifications

The CWEng Part 3 exam is composed of the following content domains and weights (minimum percent of questions on the examination).

Content Domain	Percent of Questions on Exam
NDE/Weld Discontinuities	10%
Welding Heat Sources and Arc Physics	20%
Welding Processes and Controls	20%
Welding and Joint Metallurgy	20%
Weld Design	20%
Brazing and Soldering	5%
Safety	5%
Total	100%

Informative References for Self-Education

For self-study purposes, applicants preparing for AWS CWEng examination can consult the *Suggested Reference List* found in the B5.16:2006 *Annex A*.

References for Taking the Examination

The following are the reference book(s) used to draw exam questions. Candidates can bring the hard copy of these reference books to a test center.

Title	Publisher: URL	ISBN
ANSI Z49.1 Safety in Welding, Cutting and Allied Processes	AWS https://app.aws.org/technical/AWS_Z49.pdf	978-0-87171-809-9
AWS Welding Handbook Volume 1 (9th and 10th Editions)	AWS https://www.aws.org/publications/page/welding-handbook-9-edition-volume-1 AWS https://www.aws.org/publications/page/10th-edition-volume-1	0-87171-657-7 978-1-64322-015-4
AWS Welding Handbook Volume 2 (Ninth Edition)	AWS https://www.aws.org/publications/page/welding-handbook-9-edition-volume-2	0-87171-729-8

AWS Welding Handbook Volume 3 (Ninth Edition)	AWS https://www.aws.org/publications/page/welding-handbook-9-edition-volume-3	978-0-87171-053-6
AWS Welding Handbook Volume 4 (Ninth Edition)	AWS https://www.aws.org/publications/page/welding-handbook-9-edition-volume-4	978-0-87171-759-7
AWS Welding Handbook Volume 5 (Ninth Edition)	AWS https://www.aws.org/publications/page/welding-handbook-9th-edition-volume-5	978-0-87171-856-3
Blodgett: Design of Weldments	James F. Lincoln Arc Welding Foundation https://www.jflf.org/ProductDetails.asp?ProductCode=DW	0-937390-13-5
Lippold & Kotecki: Welding Metallurgy and Weldability of Stainless Steels	Wiley https://www.wiley.com/en-us/Welding+Metallurgy+and+Weldability+of+Stainless+Steels-p-9780471473794	978-0-471-47379-4

General Exam Information

- Exam Type: Open-book exam
- Exam Delivery: Computer-based test, at Prometric test centers
- Exam Content Time: Three (3) hours (180 minutes) for exam question answering
- Total Duration: Three (3) hours and fifteen (15) minutes (195 minutes) for complete exam session
- Exam Question Type: Multiple-choice questions
- Number of Exam Questions: 60

The Passing Score

Successful candidates must correctly answer 60% of the questions to pass the examination. The reported scores are rounded down to the nearest lower whole percent number.

Part 4 (Practical Welding and Related Applications Examination)

Test Specifications

The CWEng Part 4 exam is composed of the following content domains and weights (minimum percent of questions on the examination).

Content Domain	Percent of Questions on Exam
Fabrication	25%
Filler Metals	15%
Inspection	20%
Productivity	10%
Welder Performance Qualification	10%
Welding Procedure Qualification	20%
Total	100%

Informative References for Self-Education

For self-study purposes, applicants preparing for AWS CWEng examination can consult the *Suggested Reference List* found in the B5.16:2006 *Annex A*.

References for Taking the Examination

The AWS D1.1/D1.1M 24th Edition, 2020 is the only reference material that can be used during the exam. An electronic PDF copy of D1.1 will be available on the screen during the exam.

IMPORTANT! Candidates are allowed to bring a hard copy of D1.1 to test centers.

General Exam Information

- Exam Type: Open-book exam
- Exam Delivery: Computer-based test, at Prometric test centers
- Exam Content Time: Two (2) hours and thirty (30) minutes (150 minutes) for exam question answering.
- Total Duration: Three (3) hours (180 minutes) for complete exam session
- Exam Question Type: Multiple choice questions
- Number of Exam Questions: 40

The Passing Score

Successful candidates must correctly answer 60% of the questions to pass the examination. The reported scores are rounded down to the nearest lower whole percent number.

Important

The Basic and Applied Science portion of the examination requirements may be met by successful completion of the Engineering Fundamental Examinations, (formerly the E.I.T. examination). This examination shall be administered by the State Board of Engineering or other governmental entity.

ELIGIBILITY

Candidates must provide complete documentation at time of application confirming that they meet all eligibility requirements, including photo, and minimum experience and/or education completion. Based on application types (e.g., initial, retest, or renewal/recertification), specific information may also be required.

Important

While the Welding Engineer has established excellent credentials, qualification to this specification alone may not legally qualify the engineer to provide technical services to the public. Contract documents and building or jurisdiction laws may require technical services to be performed under the direction and responsibility of others such as a Registered Professional Engineer. The AWS Welding Engineer certification **DOES NOT** imply the status of a registered Professional Engineer (P.E.) under the laws of any state or other governmental entity.

APPLYING TO TAKE THE AWS CERTIFIED WELDING ENGINEER EXAM

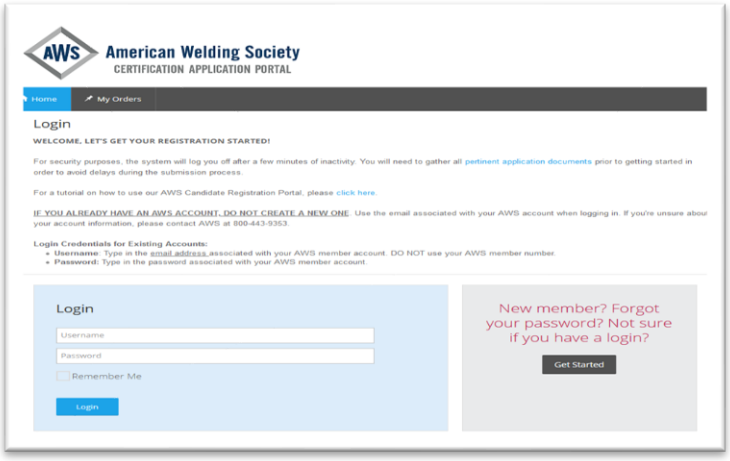
Applying for the AWS CWEng exam is different for domestic (US and Canada) and international (outside of the US and Canada) candidates. Please use the requirements below depending on your location.

Domestic (US and Canada)

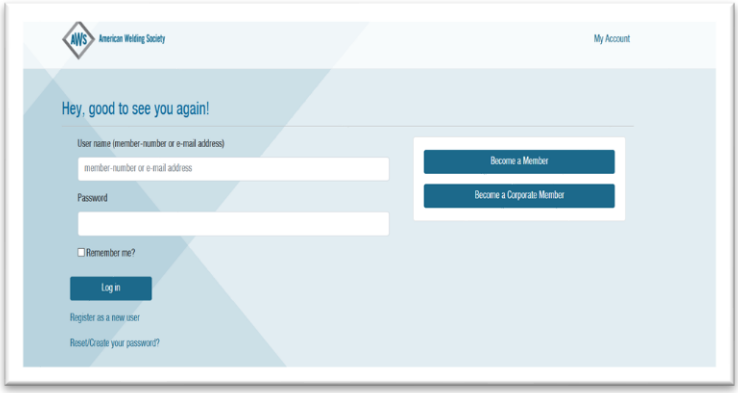
Application Instructions

Applicants located in the United States or Canada apply directly via the Certification Application Portal.

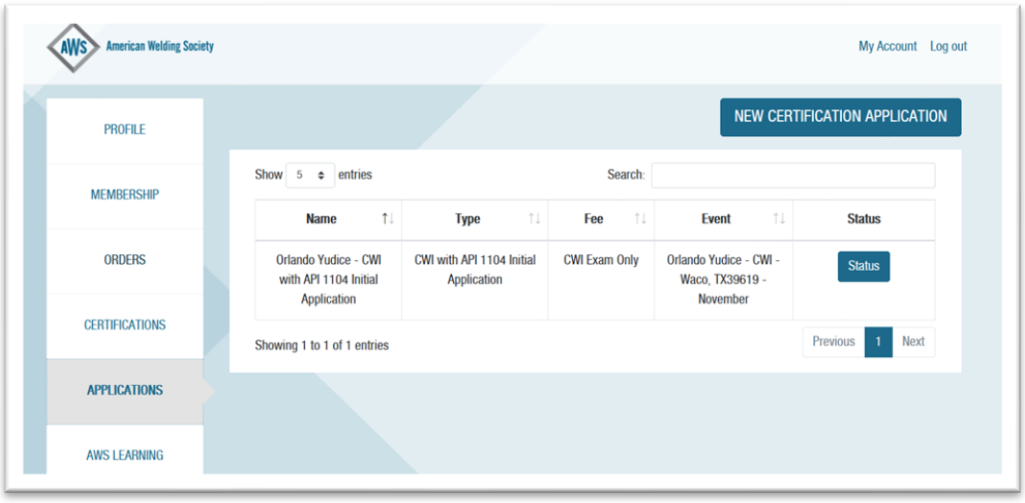
- AWS encourages candidates to complete all sections of the online application and to have ALL pertinent documentation available for digital upload. Nonetheless, candidates can click “save” and come back to complete the application later. For each individual file upload, the maximum file size is 5 MB. For a complete list of required application documents, please click HERE.
- The first and last names on the application must match what is listed on the government-issued ID presented as proof of identity at all exam sites and test centers.
- New users will be asked to create a username and password to log into the AWS Certification Application Portal.
- The Certification Application Portal will guide applicants step-by-step to complete the exam application.



- Candidates can update and change their profile and contact information by accessing the Member profile via the AWS Member Portal.



- Candidates can view the online status of an application, order, or membership via the AWS Member Portal.



- Approximately 4-6 weeks after the application submission, a Confirmation Letter will be emailed from the AWS Certification Department. The Confirmation Letter contains examination details. (Appendix B shows a sample Confirmation Letter)

Exam Fees

Exam fees are due at time of registration and are paid directly to AWS. AWS accepts payments via MasterCard, VISA, and American Express. The CWEng exam price list is available online. Domestic applicants choosing to send their application to AWS headquarters via email (pdf) or mail carrier (paper) will incur an additional processing fee.

American Disability Act (ADA) Accommodations

Candidates living within the US who have a documented disability under the ADA that prevents them from taking an exam under standard conditions may request special accommodations when they register through the Certification Application Portal. For the special accommodations AWS provides, please click HERE.

International (outside of the US and Canada)

Currently, international applicants must apply for the CWEng exam through an AWS Agent. For a list of available international Agents, please click HERE.

Application Instructions

1. Applicants download and print the CWEng Exam Application; fill it out and submit to the Agent of your choice.
2. Approximately 2-6 weeks after the application is submitted, a Confirmation Letter will be sent to the International Agent and candidate containing examination details. (See Appendix B for a sample of a Confirmation Letter)

Exam Fees

Exam fees are paid to the international Agent representing AWS. Agents can provide pricing information regarding the international CWEng exam and any related services.

ADDITIONAL EDUCATION AND TRAINING

At this time, AWS does not provide any additional education and training for this program. International Agents may develop training material for this program.

SCHEDULING THE AWS CERTIFIED WELDING ENGINEER EXAM

The AWS Certified Welding Engineer (CWEng) examination has four parts. Part 1 and Part 2 must be successfully completed to take Part 3 and Part 4. Candidates that successfully pass Part 1 and Part 2 will be invited to sit for Part 3 and Part 4 and will need to submit a separate application via the Certification Application Portal. After passing the last exam of Parts 1 and 2 (initial or retest), candidates have one year to apply for Parts 3 and 4. The exams are required to be taken at any Prometric Testing sites located throughout the world. It is recommended that candidates schedule their exams at least thirty (30) days in advance as seats fill up quickly.

Important

A Confirmation Letter contains eligibility codes used to register to all CWENG exam parts (1,2,3, and 4). An eligibility code is provided in a candidate's AWS confirmation letter for use in registering at Prometric. These codes indicate to Prometric that the candidate has been authorized by AWS to sit for the exam.

Scheduling for all CWEng exam parts (1,2,3, and 4) is done via the Prometric website. Please note:

- The eligibility code found in the AWS Confirmation Letter is required to secure exam dates and locations.
- Prometric will confirm the appointment by email. The Prometric appointment confirmation letter will indicate the test center location, appointment time, and exam name.
- Candidates are advised to print the Prometric appointment confirmation letter and present it at the Prometric Testing Center at check-in.
- **IMPORTANT!** Prometric will refuse entry to candidates lacking a valid government-issued ID, or when the candidate's name printed on the Prometric appointment confirmation letter does not exactly match name on the government-issued ID presented at check-in.
- AWS can resolve naming issues in advance by phone or email. Unresolved naming issues may require exam rescheduling and additional fees.

Rescheduling / Cancellations / Refunds

Circumstances may arise that will require candidates to reschedule or cancel the exam. Appointments must be rescheduled or canceled forty-eight (48) hours before the exam date, or exam fees are forfeited. For additional details on AWS' Policies and Fees, please click HERE.

- Prometric appointments for both domestic and international candidates may be rescheduled by calling Prometric or visiting the Prometric website.

Required Documentation at Check-In

All candidates must provide the following items at check-in before all exams:

- A Valid Government-Issued Identification:
  - Examples: Driver License, Passport, or State ID.
  - ID must be current and include the candidate's full name, date of birth, a recognizable photo, signature, and expiration date. If this ID does not include a signature, then a secondary ID (e.g., credit card, student ID or military ID) with a signature is required in addition to the primary ID.
- Printed exam AWS Confirmation Letter.

Candidate Attestation Agreement

Prior to beginning to work on the exam, candidates will be required to review and sign the Candidate Attestation Agreement. By signing this agreement, candidates agree to maintain the confidentiality and integrity of the examination and the certification program. Candidates who do not accept the terms or sign the agreement will forfeit both their opportunity to take the exam and all exam fees.

The Candidate Attestation Agreement can be found HERE or in Appendix A. Translations of the Candidate Attestation Agreement can be found below in seven different languages: English, Spanish, Portuguese, Russian, Japanese, Chinese, and Korean.

Español | Português | русский | 中文 | 한국어 | 日文 | Polski

TAKING THE AWS CERTIFIED WELDING ENGINEER EXAM

Prometric Test Centers

AWS has partnered with Prometric Testing Centers to deliver many of AWS' certification exams, including the AWS CWEng exam. Prometric Testing Centers offer a secure and safe testing environment for all candidates. For information about AWS' (Computer–Based Tests) CBT, please click HERE.

Prometric Test Center Check-In

For the most up to date source of information on the Prometric Testing experience, please click HERE.

Candidates should arrive at the designated Prometric test center thirty (30) minutes before the scheduled appointment. At check-in candidates will be required to sign a log-in sheet and review and agree to comply with the Prometric Test Center Regulations, after which a Prometric representative will verify the candidate's identity, exams, appointment time, and testing location. Individual lockers are available for the candidate's use. Prometric is not responsible for any loss or damage to personal items left outside/inside any premises where the exam is taking place.

Test Center Administrators (TCA)

To ensure exam security, the Prometric testing center environment is strictly controlled and continuously monitored by video and audio recording.

The Test Center Administrator (TCA) will perform a security check on all exam candidates to ensure that no prohibited items are brought into the testing room. The TCA will review candidate's printed book references, provide scratch paper and a pencil, escort candidates to their workstations, and launch the exam.

The TCA is not allowed to answer questions related to exam content. Notify the TCA immediately if any problems with the computer, software or any other issues arise during the exam.

In the event any Prometric Test Center Regulation is violated, the TCA is authorized to end any test session. The regulations can be viewed HERE.

In the Testing Room Workstation

Once the candidate is seated at the workstation, the computer will load the exam. Prior to the exam starting, the candidate must review and agree to the Candidate Attestation Agreement. Next, the computer will display a tutorial which demonstrates how to navigate through the computer-based test. For a drive run test please click HERE.

Note: The time for the tutorial is not deducted from the time available to take the test.

Items Allowed at the Workstation in the Test Room

Only the following items are allowed in the testing room:

- Valid Government-issued ID
- Pencil and scratch paper issued by Prometric TCA
- Test center locker key
- Relevant codebooks in hard copy if applicable

Note: During all four (4) parts of the CWEng exam, test-takers will have access to a scientific calculator on the screen at Prometric.

Important!

Candidates will be allowed to bring water into the test room during their exam. Water must be in a clear or transparent container with a lid or cap. All labels must be removed, and the container will be inspected for notes or other test aids. The candidate will need to remove the lid/cap for visual inspection by the Test Center staff. Should the container not meet the requirements outlined, the candidate will be required to put it in their locker and will not be allowed to take it into the test room.

Items NOT Permitted at the Workstation in the Test Room

Items not permitted in the testing room include, but are not limited to:

- Cell phones, tablets, computer and/or other electronic devices
- Non-medical Wearable Electronics
- Wallets, purses, bags
- Hats and other head coverings (unless they qualify as religious apparel)
- Coats
- Notes, pens, loose papers, erasers
- Food and non-water beverages
- Reference Books allowed for open-book exams. See Exam content section for the list.

Prometric Policy on Unscheduled Breaks

There are no scheduled breaks during the CBT exam. To request an unscheduled break, candidates should raise their hands and wait to be acknowledged by the TCA. If a candidate needs to access any item in storage such as medicine, during a break, the TCA must be notified.

Candidates returning from a break must present their valid ID, go through all security checks and sign-in before being re-admitted to the test room. Unscheduled departures from the test room will be reported to AWS.

The amount of time used during unscheduled breaks will be deducted from the test time.

Completing the Exam

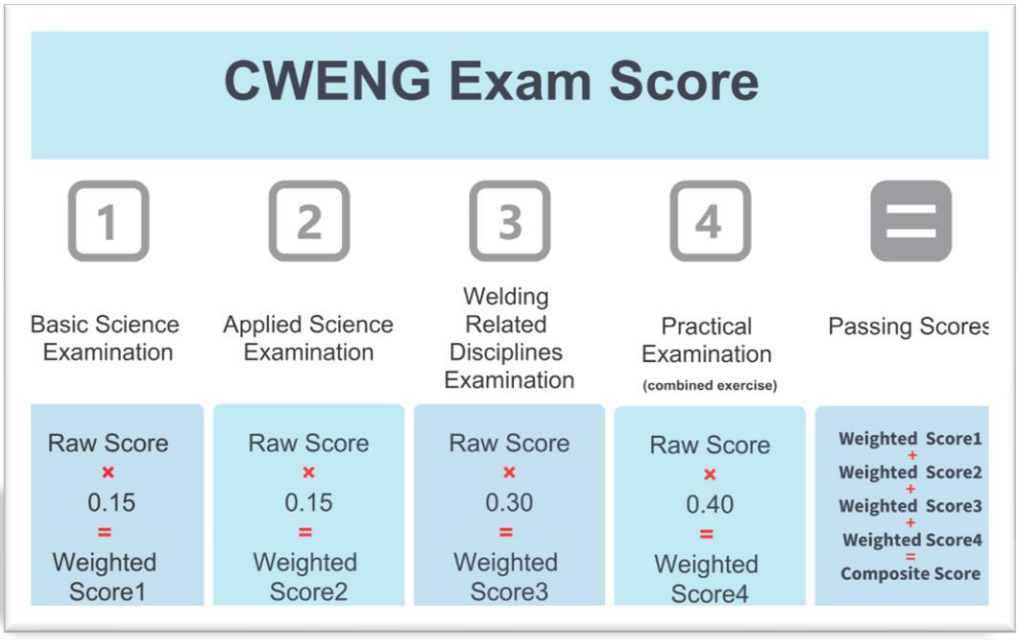
After the exam has been completed, candidates will notify the TCA by raising their hand. The TCA will confirm that the exam has ended properly before a candidate leaves the test room.

AFTER THE EXAM

Exam Result Reporting

Passing Score

Each of the four examinations shall not have an individual score less than sixty percent (60%).



Your Exam Score

Each individual examination shall be weighted and the resulting composite score from sections shall not be less than seventy percent (70%). The reported scores are rounded down to the nearest lower whole percent number.

Preliminary CBT Exam Score Report

A preliminary Prometric exam score report will be emailed directly to the candidate within twenty-four (24) hours of completing each CBT exam. A sample Prometric Score Report is provided in Appendix C of this Guide.

AWS Official Score Letter

Candidates will receive an AWS official score letter via email approximately two (2) to four (4) weeks after completing exams Part 1 and Part 2. Approximately, two (2) to four (4) weeks after completing exams Part 3 and Part 4, candidates will receive a second AWS official score letter containing the scores and composite average for all four (4) CWEng exams. A sample version of the AWS Official Score Letter is provided in Appendix D of this guide.

Meeting the B5.16 Requirements for the AWS Certified Welding Engineer

Candidates who achieve an overall composite score of 70% and who meet the additional requirements specified in the AWS B5.16: 2006 - *Specification for the Qualification of Welding Engineers* may become Certified Welding Engineers.

Receiving the AWS Certified Welding Engineer Credential

Six to eight weeks after CWEng exam scores are confirmed, AWS shall issue all new CWEngs a serialized (unique) CWEng number, Official Certificate and Wallet Card.

Certifications can be viewed through the AWS Member Portal and the AWS Quikcheck webpage. To replace a Certificate and/or Wallet Card, complete and submit the order form located HERE.

OTHER POLICIES AND PROCEDURES

AWS/Prometric Testing Experience Concerns

Candidates are encouraged to provide comments or concerns regarding their testing experience. Concerns about the Prometric test experience must be directed to the Test Center Administrator before leaving the Prometric Test Center and submitted to AWS no later than two (2) days after the test.

Exam Content Feedback

AWS welcomes feedback regarding the content of exam questions. Content feedback received via the online Exam Feedback Form within five (5) days of the exam will be carefully reviewed by subject matter experts. All feedback helps improve the overall quality of AWS exams. All exam content feedback is carefully reviewed by subject matter experts and any appropriate action will be taken.

Appeals

If a candidate's exam results have been invalidated due to a violation of testing policy, the candidate may appeal in writing within thirty (30) days from the date of the decision to the AWS Managing Director of Certification via email at certification@aws.org, fax to 305-443-7559 or mail to 8669 NW 36th Street #130, Miami, FL 33166.

Retaking the AWS Certified Welding Engineer Exam

Candidates who do not pass all four sections of the CWEng exam will receive guidance on AWS Retest Policy via the Official Score Letter. Candidates may retest up to a maximum number of three (3) times within a three-year period, commencing on the original test date.

If a candidate meets the minimum percentage for all four (4) parts, but fails to achieve the minimum composite score, the candidate can retest to any exam part they choose to increase their overall composite score.

RENEWALS AND RECERTIFICATIONS

Renewing the Certified Welding Engineer Credential

CWEng Certification is valid for five (5) years from date of issue. CWEngs who can demonstrate successful completion of continued education every five (5) years may renew their credential for a further five (5) years by applying via the Certification Application Portal.

Important

Continued education shall relate to the functions in the AWS B5.16: 2006 - *Specification for the Qualification of Welding Engineers* Clause 5 and shall be equivalent to 80 contact hours in the five-year period or combination of contact hours plus continuing education units totaling 80 contact hours.

Note: AWS may send renewal reminder notices, but it remains the responsibility of the CWEng to renew their certification credential on time.

CWEngs who fail to renew by the expiration date will be listed as having an expired credential. Renewals submitted after the administrative 30-day grace period will not be accepted and the candidate will need to start his application process.

APPENDIX A: CANDIDATE ATTESTATION AGREEMENT

You must review and agree to the terms of the Candidate Attestation Agreement before starting your test.

1. I attest that I am the person whose name appears in the form of identification I presented prior to admission to the testing room.
2. I understand and agree that all AWS certification exams are confidential and secure tests, protected by U.S. and international copyright laws.
3. I understand and agree that all test materials, including my answers, are the property of AWS, and I will not be provided access in any form except on the test itself.
4. I understand and agree that disclosing any exam question or answer to any person, in whole or in part, by any means whatsoever is unlawful and even potentially a criminal act, and I may be financially liable and/or charged with theft for doing so. I also understand and agree that if I disclose information about exam questions or answers, I may suffer adverse consequences, including but not limited to any or all of the following:
   – civil or criminal liability for copyright infringement or related conduct; and
   – disciplinary action by AWS, including prohibiting me from seeking certification in the future.
5. I understand and agree that AWS is the final authority that determines if I can take an exam.
6. I understand and agree that AWS has the right to cancel my scores if it finds any evidence of any irregularities whatsoever.
7. I understand and agree that furnishing inaccurate details about myself, breaching exam regulations, or acting contrary to the instructions outlined on the AWS/Prometric website, confirmation letter, and the AWS Certification and Qualification Standards may result in disciplinary action, including but not limited to removal from the test session under the supervision of the Test Supervisor or Test Center Administrator; score annulment; disqualification from taking the exam in the future; and potential legal liability.
8. I agree that upon obtaining my certification, I give permission to AWS to publish my certification status as it relates to its validity and duration.

I understand and accept the terms of this agreement.

Print Full Name: _____

Signature: _____ Date: _____

APPENDIX B: SAMPLE AWS CONFIRMATION LETTER

American Welding Society

AWS Confirmation Letter

I. VERIFICATION OF CANDIDATE CONTACT INFORMATION:

Please verify your contact information and contact AWS immediately should any corrections be necessary.

AWS Member No.:	5896321
Full Name:	John Doe
Address:	8669 NW 36 St.
	Miami, FL 33166
Email:	Jdoe@ymail.com

II. VERIFICATION OF EXAM INFORMATION:

Please verify your exam information and contact AWS immediately should any corrections be necessary. Please note that changes cannot be made at the testing facility and rescheduling an exam may result in forfeiture of seat fee.

Prometric Exam(s):

Language: English

Exam Type	Eligibility ID	Eligibility Start Date	Eligibility End Date
CWENG – Part 1	AWSAPP233517	5/22/2021	1/17/2022
CWENG – Part 2	AWSAPP233618	5/22/2021	1/17/2022

APPENDIX B: SAMPLE AWS CONFIRMATION LETTER (2ND PAGE)

III. SCHEDULING AND PREPARATION:

If you are taking a Prometric exam, you must schedule your exam(s) at a convenient test center of your choosing through our partners at Prometric. Please follow the steps to schedule your appointment:

1. Go to www.prometric.com/aws or call 1-800-864-5257
2. Click on Schedule My Test
3. Select your Country and State
4. Enter Eligibility ID and First 4 Characters of Last Name
5. Select location
6. Select available date and time
7. Receive confirmation letter from Prometric

The following content must be reviewed by the candidate prior to taking his/her exam(s) in order to be fully prepared for testing. Failure to do so may result in forfeiture of exam fees, or disqualification from taking the exam.

- Letter for CBT Candidates http://www.aws.org/candidate-ltr-cbt
- AWS Policies and Fees http://www.aws.org/library/doclib/refundPolicy.pdf
- Prometric Video – What to expect on Test Day * https://vimeo.com/190759122
- Prometric Test Delivery Tutorial * https://www.prometric.com/_layouts/results/index.html
- Prometric US & International Contact https://www.prometric.com/aws

APPENDIX C: SAMPLE CWENG PROMETRIC SCORE REPORT

First Name Middle Name Last Name

Prometric
Building 3
Co. Louth Louth
Ireland
Postal/Zip

60% and Above

Test Date: Jun 11, 2021
Confirmation Number: 0000000000012345

AWS Certified Welding Engineer Part 4 Practical Welding

Your preliminary score on this exam is 60% or better. Please consult the AWS governing standard for how this score may impact your application for an AWS credential.

The bar graph displays the percent of questions you answered correctly for each content area. Each bar represents a scale of 0% to 100% from left to right. The circle on each bar indicates the percent correct for that content area. The closer the circle towards the right, the higher percent the number of questions you answered correctly. The information is intended to provide you with information of the relative strengths and weakness across content areas.

This letter of completion does not constitute a certification or proof of an AWS certification of any kind. AWS will provide more information about your performance on this exam and corresponding credentials.

Exam content feedback can be submitted at: https://www.aws.org/certification/page/exam-feedback-form

ABCKJEUTL4LM

This exam was delivered by PROMETRIC

Visit https://scorereports.prometric.com to validate

APPENDIX D: SAMPLE AWS OFFICIAL CWENG SCORE REPORT

Certified Welding Engineer

Official Score Report for Part 3 and 4

January 23, 2024

652314
John Doe
8669 NW 36 St.
Miami, FL 33166

Dear John Doe,

Congratulations, you have passed all parts of the AWS Certified Welding Engineer examinations and met the requirements for certification stipulated by the AWS B5.16:2006: *Specification for the Qualification of Welding Engineers*. Your certificate and wallet card will arrive separately in approximately 4-6 weeks from receipt of this letter. Your certification number is **2402100G.**

This table below displays the scores, the weights, and the weighted score of four exam parts after you took the Part 3 and Part 4 of the AWS Certified Welding Engineer examination.

Part	Grade (%)	Weight	Weighted Score (%)
Part 1 Basic Science Fundamentals (≥60% to pass)	85	0.15	12.00
Part 2 Applied Science Fundamentals (≥60% to pass)	66	0.15	9.00
Part 3 Welding Related Disciplines (≥60% to pass)	66	0.30	19.00
Part 4 Practical Welding and Related Applications (≥60% to pass)	75	0.40	30.00
Weighted Result (≥70% to pass)	**Passed**		**70.00**

According to AWS B5.16:2006, Specification for the Qualification of Welding Engineers; a minimum score of 60% on each of the four parts is necessary to achieve certification, and a composite, weighted score of 70% or greater.

Furthermore, AWS B5.16 stipulates that the scores for each part are to be weighted and the resulting composite score from all four Parts cannot be less than seventy percent (70%).

To learn more about the scoring rules of the CWEng program, please refer to B5.16:2006 *Specification for the Qualification of Welding Engineers.* If you wish to register to retest any exam part, please apply to the AWS Portal (AWS Certification Application Portal).

If you would like to provide feedback on specific questions found on your AWS certification exam, please visit https://www.aws.org/certification/page/exam-feedback-form.

For additional information on the CWEng exam process, please refer to the *CWENG Examination User Guide*.

Thank you for participating in our program.

Sincerely,

Yanling Zhang, Ph.D.
Director, Assessment

8669 NW 36 Street, Miami, Florida 33166
T. 306.443.9353 I 800.443.9353 I F. 305.443.7559