

YOUR STEP-BY-STEP PATHWAY TO CRWT

INTRODUCTION

Resistance welding holds countless everyday products together—cars, appliances, medical equipment. It looks simple: push a button, make a weld—but it's a lot more complex than it seems. Co-developed by AWS and the Resistance Welding Manufacturers Association (RWMA), tThe CRWT credential recognizes technicians who have the expertise to troubleshoot, maintain, and improve these critical welds.

1 MAKE SURE YOU'RE ELIGIBLE

Before you apply, make sure your education and experience meet AWS requirements.

There are a few pathways:

- **Option 1:** High school diploma or GED + 1 year of work experience
- **Option 2:** Post-high school or GED: + 6 months of work experience
- **Option 3:** No formal education beyond high school + 3 years of work experience

Experience can include design, application, or operation of welding lines/cells for industries such as automotive, aerospace, electronics, medical devices, or oil & gas.

2 SUBMIT YOUR APPLICATION

Once you've confirmed your eligibility, it's time to apply on my.aws.org. Have the following ready before starting the CRWT Exam Application:

- [ ] Proof of your education or experience
- [ ] Application Fee
- [ ] Employment Verification Form
- [ ] Visual Acuity Exam Form
- [ ] Additional Qualifying Work Experience Form
- [ ] Photo ID Requirements

After AWS approves your application, you'll be cleared to schedule your exam through Prometric, a worldwide testing network.

3 PREPARE FOR THE EXAM

The CRWT exam is built on AWS resistance welding standards. These areas reflect the skills you'll use on the job every day.

Exam topics include:

1. **Equipment Setup**
2. **Welding Procedures**
3. **Materials**
4. **Maintenance**
5. **Weld Quality/Testing**
6. **Terminology**
7. **Welding Symbols**
8. **Conversion/Calculations**

Ways to prepare:

- **AWS CRWT Seminar:** 2-day, instructor-led course with 8 online prep modules and 6 reference books
- **Custom on-site training:** For companies training multiple staff
- **Welding Fundamentals II (online, self-paced):** Covers resistance and high-energy processes
- **RWMA Resistance Welding School:** A twice-yearly deep dive into applications, standards, and live demos

4 TAKE AND PASS THE EXAM

The CRWT exam is administered at Prometric test centers worldwide. After AWS approves your application, you'll receive instructions to schedule your exam at the location of your choice.

Here's what to expect:

- **Format:** Multiple-choice, computer-based
- **Duration:** 135 minutes
- **Content:** 100 scored questions plus 10 unscored pre-test questions
- **Passing score:** 60%
- **Rescheduling or Cancellation:** Requires at least 24-hour notice to avoid fees.

Once you pass, you'll join a growing group of professionals recognized worldwide for resistance welding expertise.

5 RENEW EVERY 5 YEARS

CRWT Certification is valid for **five years**. Renewal requires re-examination to demonstrate that you are current with industry advancements.



NOTES

READY TO GET STARTED?
LEARN MORE ABOUT CRWT CREDENTIALS