

MATERIALS TESTING, INC.



Welder Certification

Bridges - Buildings - Sheet Metal - Piping
-Welding Procedures-

Most projects located in Connecticut require all workers performing welding operations to be classified as a certified welder. This certification requires a welder to prove he can produce sound welds by welding test coupons that are tested and evaluated. Materials Testing, Inc. maintains a staff of AWS Certified Welding experts in welding technology. We can help the individual or company employees obtain this required certification. Materials Testing, Inc is an authorized vender for CT DOT certifications.

The following steps are required to obtain your required certification.

1. What do I do first ?

- a. Determine which certification is required to cover the welding parameters for your project. If you don't know, give us a call and we will be glad to recommend the proper tests needed to cover the production work.
- b. Determine which code is specified for the work (AWS, ASME, API, etc.). If not specified, we can also help determine what code would be applicable to the work.
- c. Welders can be certified in any position: flat, horizontal, vertical or overhead.
- d. Call Materials Testing, Inc. to schedule your required test, multiple welder discount can be applied.
- e. Materials Testing, Inc can provide standard 3/8" or 1" test plates complete with certified mill test reports for testing. Clients can also provide their own plates with the proper traceability.
- f. Materials Testing will dispatch a certified inspector to your shop or field project to witness the welding operations or you may visit our facility if your welding operation is mobile.
- g. If a CT DOT test is required, the welder's name will be submitted to the CT DOT prior to test.

2. What do I need to bring when getting certified ?

- a. A current valid DMV license will be needed to confirm identity.
- b. All equipment required to produce the test weld(s). Properly maintained equipment will provide the best chance at success.
- c. Payment for inspection services performed.

3. What is expected of me ?

- a. The welding inspector is required to verify your name and address by reviewing your DMV licenses.
- b. The inspector will verify the position(s) you are welding meets the requirements.
- c. The inspector will visually inspect each pass and will discuss any problems with the welding.
- d. The welder will be responsible for all other welding variables. A qualified welding procedure should be followed.
- c. For CT DOT testing, power tools cannot be used to clean slag during welding of the test coupon(s).

4. What happens next ?

- a. Weld coupons will be brought back to our laboratory for testing.
- b. You may contact Materials Testing, Inc to determine if you passed or failed.
- c. Materials Testing, Inc will provide written documentation for each welder. For CT DOT tests, this information will also be sent to the CT DOT. If the test was successful, a picture of the welder will also be included and the CT DOT will issue an official Welder Certification Card.

5. Congratulations you are a Certified Welder.

- a. Keep your certification with you at all times, as many welding inspectors will ask for it if they see you welding.
- b. Many certifications are considered in effect indefinitely, provided the welder does not stop welding for a period of more than 6 months. A record should be kept.
- c. The CT DOT welder certification card is good for two years, however the card will need to be updated every 6 months after the date issued.

We can provide written welding procedures that are required for certified welding.

We look forward to hearing from you, should you have any questions please email us at weldercertification@materialstestinginc.com or call (203)-468-5216.

Materials Testing, Inc.

Southern Connecticut
55 Laura Street
New, Haven, CT 06512
Tel: 203-468-5216
Fax: 203-468-5471

Eastern Connecticut
42 Boston Post Road
Willimantic, CT 06226
Tel: 860-423-1972
Fax: 860-423-4438

Frequently asked questions:

1. What happens if I lose my card ?

- a. Call CT-DOT and request a new card.

2. I haven't renewed my CT-DOT certification ?

- a. Being a certified welder is a great accomplishment, but you are responsible to maintain Your certification.

3. Can my certification be revoked ?

- a. A CT DOT certification can be revoked due to poor workmanship or not maintaining the required DOT notification intervals. Likewise, other certifications can be rejected if the welder has not welded for more than 6 months or there is a reason to question the welder's ability.