



WELDER QUALIFICATION TESTS SUMMARY

Welder qualification tests performed at this facility are to provide written documentation to certify that a welder has qualified in various positions as described in AWS D1.1 (American Welding Society, *Structural Welding Code- Steel*). These tests document that a welder has successfully passed a qualification test.

Be aware that there are not any universal certifications for welders because different entities have different contractual requirements. The tests offered by our facility are qualification tests for several frequently occurring and contractually required qualification scenarios- pipe and plate on common material over a range of typical thicknesses per AWS or ASME welding codes. These are not necessarily all encompassing. If qualification to other materials or processes is needed, we will be able to accommodate at an additional fee. These qualifications do not qualify a welder to be placed on the AWS national registry.

The following qualification tests are offered:

- **3G Position.** This is a test on a 3/8" plate welded in the vertical position per AWS D1.1 welding code. Qualifies welder for 1G, 2G, and 3G up to 3/4" thickness. Cost is \$175 and includes coupons.
- **4G Position.** This is a test on a 3/8" plate welded in the overhead position per AWS D1.1 welding code. Qualifies welder for 1G and 4G up to 3/4" thickness. Cost is \$175 and includes coupons.
- **6G Pipe.** This is a test on a 6" diameter pipe. Qualifies welder for all pipe positions per ASME section IX welding code for pipe 2 7/8" diameter and greater. Cost is \$250 and includes the pipe.
- **Decking Certs.** This test is on roof decking per AWS D1.3 welding code. Qualifies welder on only roof decking. Cost is \$100, and the welder must furnish the decking material.
- **1" Plate.** This is a test on a 1" plate welded in the vertical and overhead positions per AWS D1.1 welding code. Qualifies welder for 1G, 2G, 3G, and 4G for unlimited thickness. Cost is \$200 for each of the two positions, and includes the coupons.

Welders are invited to perform tests at our facility in Waco. They must bring their own welding machines, and can run leads inside the building for testing. A steel table with adjustable arms is provided for welders to perform tests in various positions. Welders are also invited to practice at our facility during normal business hours prior to taking the test.

Contact:

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