Abstract

This Supplement F to AWS standard QC7-93 describes testing administered by Accredited Test Facilities to the requirements of AWS QC4. The welder performance testing for this Supplement was developed using ANSI/ASME B31.3, Chemical Plant and Petroleum Refinery Piping, and ASME Boiler and Pressure Vessel Code, Section IX, Welding and Brazing Qualifications as reference.
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Forms

QC-WF1A — Welder Qualification Test Record
QC-WF3A — Maintenance of Certification

List of Performance Test Descriptions

F1  For SMAW: No Pipe Access Restrictions, unlimited positions, 3/4 in. T maximum
F2  For SMAW: Restricted or unrestricted access in unlimited positions, 3/4 in. T maximum
Supplement F
Chemical Plant and
Petroleum Refinery Piping

F1. Scope

Supplement F of AWS QC7-93, Standard for AWS Certified Welders, was developed using as references ANSI/ASME B31.3, Chemical Plant and Petroleum Refinery Piping and ASME Boiler and Pressure Vessel Code, Section IX, Welding and Brazing Qualifications. American Welding Society makes no assessment of WPS or PQR compliance with either of these standards nor of their usability in production welding.

F1.1 Program. The rules for the American Welding Society (AWS) Certified Welder Program are provided in AWS QC7-93. Test Facilities participating in the program are required to meet AWS QC4, Standard for Accreditation of Test Facilities for AWS Certified Welder Program.

F1.2 Exclusion. AWS QC7-93 or this Supplement does not prevent or supersede an employer from continuing to qualify welders in accordance with ASME B31.3 or other standards. Employers may impose additional requirements in addition to this standard, as they deem necessary.

F1.3 Limitation. Welders participating in the American Welding Society Certified Welder Program shall be limited to those welding essential variables defined in the applicable Performance Tests Descriptions.


F2. Definitions

The terms used in this Supplement are as defined in ANSI/AWS A3.0-89, Standard Welding Terms and Definitions, AWS QC7-93, and ASME B31.3, except as noted.

F3. Responsibilities Regarding AWS Certified Welders

F3.1 Employer Responsibility. The employers of AWS Certified Welders are responsible for the work performed by the employees, and to determine that certification records (WPS/PQR) conform to the requirements of the welding to be performed. Acceptance of AWS certification by either the owner or the inspector, is the responsibility of the employer.

F3.2 Employers Obligation. Companies who employ AWS certified welders should be fully aware of the provisions of the AWS QC7-93 and this Supplement.

F3.2.1 Employers should specifically note the extent of qualification as stated on the AWS Welder Certification Card.

F3.2.2 Employers may obtain a copy of the records required by this supplement from the AWS Q&C Department.

F3.2.3 The welders’ current status shall be checked with the Q&C Department.

F3.2.4 The employer shall maintain a record of performance for each welder during their period(s) of employment.

F3.2.5 The employer is responsible for all work performed by their employees and therefore should verify that the welders’ qualification(s) apply to the employer’s work.

F3.2.6 The use of previous qualifications require the approval of the Inspector (see paragraph 325.5 of ASME