

**Curtiss-Wright 901D** (CW-901D) would like to provide updated guidance to ensure compliance per AWS D17.1, D17.2, D1.1, D1.2 and D9.1 standards. Based on CW-901D's frequent welding observations, questions and concerns we have been experiencing in the recent past, it is CW-901D's responsibility to communicate our company's welding expectations to our valued applicable supplier and sub-tier suppliers. This document is to help define, at minimum, the quality requirements for suppliers of weldment products and services engaged by or on behalf of CW-901D, as stipulated in the Terms and Conditions or Purchase Order. This document does not alleviate the Supplier of any additional requirements specified in the Terms and Conditions or Purchase Order. The Supplier shall be responsible for ensuring all quality assurance activities necessary, including work performed at a subcontractor, to validate the works completed under the Contract Agreement or Purchase Order are understood and met. If the supplier is unable to meet the requirements, the supplier shall immediately notify CW-901D. Please be aware CW-901D fully recognizes the effort and flexibility your company has exhibited. We are asking for your cooperation in our joint effort to continuously improve.

**Initial Validity:** Successful completion of welder and welding operator qualification tests shall be valid justification for issuance of certification for a period of at least two years from the date qualification test results are issued. A welder's records must show use for each WPS/PQR with no gap longer than six (6) months. If the qualification expires due to a lack of use, a new qualification is required.  
(Reference: D17.1 Section 5.2.3.1)

**Extended Validity:** The qualification time limits may be extended indefinitely provided an auditable record is maintained from the date of the initial qualification that verifies the welder/welding operator has used the process within a six-month period to weld applications normally welded by the certified individual. (Reference: D17.1 Section 5.2.3.1 and 5.2.3.2)

**Written Welding Procedure:** All welds produced to the requirements of D17.1, D17.2, D1.1, D1.2 and D9.1 shall be accomplished in accordance with a written welding procedure. Guidelines for written welding procedure contents for typical welding processes covered by this document are suggested in AWS B2.1. (Reference: D17.1 Section 5.4.1)

**Record Requirements** – Each Supplier shall maintain, at minimum, records of consumables, equipment calibration, qualified welding procedures, in-process correction, rework, repair, inspection and associated test data and results according to the requirements specified. (Reference: D17.1 Section 7.1.2) Visual Weld Inspectors performing visual weld inspections shall be certified to the requirements of AWS QC1, B5.2 or by experience, training, and testing requirements defined in AWS B5.2. The records shall be kept for a minimum of seven (7) years, or a time period as specified by CW-901D. The written records shall be made available to the CW-901D upon request. (Reference: D17.1 section 6.21 and Annex G-G4.21)

**CERTIFICATE OF CONFORMANCE** In addition to the general requirements for the C of C, Supplier shall specify the applicable welding specification(s) and class, either on the C of C or in a separate welding certification that accompanies each part. For every weldment shipment, the appropriate WPS's, PQR's and WPQR must accompany the Certificate of Conformance documentation.

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