



AWS C3.4 and C3.5 Official Interpretation

Subject: Qualification

Document: C3.4M/C3.4:2007, *Specification for Torch Brazing* and C3.5M/C3.5:2007, *Specification for Induction Brazing*

Code Provision: C3.4: Page 4, Subclause 5.5 (Qualification)
C3.5: Page 5, Subclause 5.5 (Qualification)

Inquiry: An auditor read AWS C3.4M/C3.4:2007, subclause 5.5 (Qualification) and interpreted that it requires approval by the Organization Having Quality Responsibility for all brazing procedures and changes to all brazing procedures. The first sentence requires qualification in accordance with AWS B2.2 or as required by the Organization Having Quality Responsibility. The second and third sentences use the terms "such qualification" and "such procedures" and it is not clear if that refers to all qualifications or only to qualifications that are not in compliance with AWS B2.2. An interpretation of the requirement for approval is requested.

Response: Revise the wording of subclause 5.5 in both AWS C3.4M/C3.4:2007 and C3.5M/C3.5:2007 to read as follows:

5.5 Qualification. Brazing [Induction] procedures, equipment, and operators shall be qualified in accordance with AWS B2.2, *Standard for Brazing Procedure and Performance Qualification*, by the organization performing the brazing operation or as required by the Organization Having Quality Responsibility. Qualifications not in conformance with AWS B2.2 and any modification of those procedures shall be documented and approved in writing by the Organization Having Quality Responsibility prior to use.