



AWS D1.1 Interpretation

Subject: Sample Forms and Required Information
Code Edition: D1.1:2006
Code Provision: Clauses 3 & 4 and Annex N
AWS Log: D1.1-06-I12b

Inquiry: (1) What is the minimum required information required by the code for WPS, PQR & Welder Qualification Test Records?

(2) Is it acceptable to list base metals, joint designs and fit-up tolerances by making reference to code groupings and joint designs?

Response: (1) Minimum WPS requirements are listed in Clauses 3.6, 4.6 and 7.6. Minimum information required for welders, welding operators, or tack welders are listed in Clause 4.22. Additional information may be needed to fully document the requirements of the specific application. The Contractor is responsible for the content and style of the WPS/PQR and Welder Qualification form. Annex N forms are a guide only and convey no code-mandated use.

(2) Yes.

AWS D1.1, Structural Welding Code—Steel, is prepared by the AWS Structural Welding Committee. Because the Code is written in the form of a specification, it cannot present background material or discuss the committee's intent.

Since the publication of the first edition of the Code, the nature of inquiries directed to the American Welding Society and the Structural Welding Committee has indicated that there are some requirements in the Code that are either difficult to understand or not sufficiently specific, and other that appear to be overly conservative.

It should be recognized that the fundamental premise of the Code is to provide general stipulations applicable to any situation and to leave sufficient latitude for the exercise of engineering judgment. Another point to be recognized is that the Code represents the collective experience of the committee; and, while some provisions may seem overly conservative, they have been based on sound engineering practice.