



AWS D1.1 Interpretation

Subject: Radiography of Welder Performance Qualification Test Plates
Code Edition: D1.1:2008
Code Provision: Subclauses 6.12.2 and 4.30.3.2, Figures 4.21 and 6.2
AWS Log: D1.1-08-I09

Inquiry: Is it the intent of the code that the radiographic areas denoting the 2.5 inch interpretable area on a five (5) inch long welder's performance qualification test plate (i.e., Figure 4.21), be considered as a "free edge" or "intersecting weld" for the requirement of minimum clearance per Figure 6.2?

Response: No.

AWS standards are prepared by AWS technical committees. Because many AWS standards are written in the form of codes or specification, they cannot present background material or discuss the committee's intent.

The nature of inquiries directed to the American Welding Society and their technical committees have indicated that there are some requirements in AWS standards that are either difficult to understand or not sufficiently specific.

It should be recognized that the fundamental premise of AWS standards are 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 AWS standards represent the collective experience of AWS technical committees; and, while some provisions may seem overly conservative, they have been based on sound engineering practice.