



AWS D14.6 Interpretation

Subject: Visual Inspection of a Procedure Qualification Test
Code Edition: D14.6/D14.6M:2005
Code Provision: Section 6
AWS Log: D14.6-05-I01

Inquiry: Does D14.6:2005 require the visual inspection of a procedure qualification test specimens and performance qualification test specimens?

Response: D14.6:2005 provides visual examination requirements for fillet weld procedure qualification in Section 6.10.5.3 and for fillet weld performance qualification in Section 6.13.5. There are no visual examination requirements for groove weld procedure or performance qualification test specimens in D14.6:2005.

AWS D14.6/D14.6M:2005, Specification for Welding of Rotating Elements of Equipment, is prepared by the AWS Machinery and Equipment Committee. Because AWS D14.6/D14.6M:2005 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 AWS D14.6/D14.6M:2005, the nature of inquiries directed to the American Welding Society and the Machinery and Equipment Committee has indicated that there are some requirements in AWS D14.6/D14.6M:2005 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 AWS D14.6/D14.6M:2005 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 AWS D14.6/D14.6M:2005 represents the collective experience of the committee; and, while some provisions may seem overly conservative, they have been based on sound engineering practice.