AWS D1.1 Interpretation

Subject: Base Material Approval
Code Edition: D1.1-90
Code Provision: Subsection 1.2
AWS Log: 1-8/91-01-02

Inquiry: How does a base material become approved in the AWS D1.1 as a prequalified material?

Response: Material suppliers advise the D1 Committee of their particular material type, including the applicable ASTM or API designation, and furnish to the Committee, upon request, a variety of Welding Procedure Qualification records, history of usage, and other mechanical testing properties (e.g., impact properties, hardness test results, etc.). The D1 Committee determines if the material has demonstrated successful weldability in the industry. If all of the above information is favorable, then the Committee, utilizing these operating parameters, can translate them into the applicable Code requirements for prequalification status of the material.