AWS D1.5 Interpretation

Subject: Yield Strength and Filler Metal Qualification
Code Edition: D1.5M/D1.5:2008
Code Provision: Tables 4.1 and 4.2
AWS Log: D1.5-08-I06

Inquiry: For WPS Qualification, must Yield Strength (0.2% offset) be used to comply with the requirements for Yield Strength in the D1.5 code?

Response: No. Yield Strengths established by the all weld metal tension test have multiple allowable methods for determining Yield Strength per ASTM A370 or AWS B4.0 (Subclause 5.18.4).