AWS D1.1 Interpretation

Subject: Variable parameters on welding procedures
Code Provision: Table 4.5
AWS Log: INQ-21

Inquiry:
(1) For a prequalified WPS, is it the intent of AWS D1.1:2000 that a single value or mean value be specified and the limitations of Table 4.5 be applied to the specified value?

(2) For a prequalified WPS, is it the intent of the AWS D1.1:2000 that a range of values may be specified and the limitations of Table 4.5 be applied to the specified range?

Response:
(1) No. Use of a single value or mean value is neither required nor prohibited.

(2) Yes, as long as the range of values is within the range of the manufacturer’s recommendations, see 5.3.1.2.