**AWS D1.1 Interpretation**

**Subject:** Base Metal Qualifications  
**Code Edition:** D1.1-90  
**Code Provision:** Table 4.1 and Subsection 5.5.1.3  
**AWS Log:** ID1-90-027-03

**Inquiry:**

1. A Group V to Group V metal of Table 4.1 weld qualification is made. Is the procedure and/or the welder qualified to weld a Group V metal to any other Group V metal listed in Table 4.1?
2. A Group V steel to a nonlisted metal weld qualification is made. Is the procedure and/or welder qualified to weld the nonlisted metal to any other Group metal listed in Table 4.1?

**Response:**

1. No. Subsection 5.5.1.3 covers welding Group V to Group V base metals. However, the procedure applies only to welds made [using] the specific ASTM material specification and minimum specified yield strength as the base metal [for running] the procedure, without regard for Group number. See the example cited in 5.5.1.3. However, the welder is qualified to weld all steels in Table 4.1 by virtue of the fact that the material grouping of the steel is not a welder variable.
2. No. Steels that are not listed in Table 4.1 require procedure qualification and the procedure only qualifies on the combination of materials tested (see 1.2.2). The welder in this situation again is qualified to weld on any Table 4.1 material by virtue of the answer given to Inquiry (1) above.