



## AWS D1.4 Interpretation

**Subject:** Qualification Limits of Table 6.2  
**Code** D1.4-98  
**Edition:**  
**Code** Table 6.2  
**Provision:**  
**AWS Log:** D1.4-98-I02

**Inquiry:** Question 1: If a WPS is qualified per 6.2.4.1 and in accordance with Table 6.2, does qualification using one of the “Production type of joint” listed, qualify for all the corresponding “Joints Qualified per Figure” shown for that row? (E.g., Testing with “Direct Butt [6.5(A)]” qualifies the WPS for all direct butt joints shown in figure 3.2)?

Question 2: Does essential variable #11 of Table 6.1 prohibit a change in groove type where such allowances are permitted or required by Table 6.2? (E.g., Figure 6.5(C) flare-bevel groove is required to qualify Figure 3.4 flare-vee groove.)

**Response:** Question 1. Yes  
Question 2. No

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AWS standards are prepared by AWS technical committees. Because many AWS standards are written in the form of codes or specification, they cannot present background material or discuss the committee’s intent.

The nature of inquiries directed to the American Welding Society and their technical committees have indicated that there are some requirements in AWS standards that are either difficult to understand or not sufficiently specific.

It should be recognized that the fundamental premise of AWS standards are 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 standards represent the collective experience of AWS technical committees; and, while some provisions may seem overly conservative, they have been based on sound engineering practice.