Table 4.1 WPS Qualification—Production Welding Positions Qualified by Plate, Pipe, and Box Tube Tests (see 4.4)

Qualification Test			Production Plate Welding Qualified			Production Pipe Welding Qualified					Production Box Tube Welding Qualified				
	Weld Type	Test Positions	Groove CJP	Groove PJP	Fillet⊆	Butt Joint ^b		T-, Y-, K- Connections			Butt Joint		T-, Y-, K- Connections		
						СЈР	PJP	СЈР	PJP	Fillet⊆	СЈР	PJP	СЈР	PJP	Filletc
P L A T E	CJP Groove ^a	1G 2G 3G 4G	F F, H V OH	F F, H V OH	F F, H V OH	F F, H V OH	F F, H V OH			F F, H V OH	F F, H V OH	F F, H V OH			F F, H V OH
	Fillet ^{a, b}	1F 2F 3F 4F			F F, H V OH					F F, H V OH					F F, H V OH
	Plug/ Slot	Qualifies Plug/Slot Welding for Only the Positions Tested													

CJP—Complete Joint Penetration PJP—Partial Joint Penetration

 ^a Qualifies for a welding axis with an essentially straight line, including welding along a line parallel to the axis of circular pipe.
^b Qualifies for circumferential welds in pipes equal to or greater than 24 in [600 mm] nominal outer diameter.
^c Fillet welds in production T-, Y-, or K-connections shall conform to Figure 9.12. WPS qualification shall conform to 4.12.