



**Joint Efficiencies**

**PD 5500**

*Does not use weld joint factors and instead, operates within three categories of construction:*

Construction Category	Non-Destructive Testing (NDT)	Permitted Material Groups and Sub Groups	Maximum Nominal Thickness of Component (see 1.6) (mm)	Temperature Limits	
				Upper	Lower
1	100% (see 5.6.4.1)	All	None, except where NDT method limits	See 2.3.1.1, K.1.4.1.2 and Note 2 to 3.2.2	See Annex D limitations for temperatures below 0°C
2	Limited random (spot) (see 5.6.4.2)	1, 2 and 4	40	See 2.3.1.1, K.1.4.1.2 and Note 2 to 3.2.2	See Annex D limitations for temperatures below 0°C
		1.2 CMo	30		
		8	40	None	None
3	Visual only (see 5.6.4.3)	C and CMn steel ( $R_m \leq 432$ MPa)	13	300°C	0°C
		8	25	300°C	None