

+ Orange - 7018 (AWS Spec. E - 7018)

C %	Mn %	Si %	S %	P %	Cr %	Ni %	Mo %	Cu %	Fe %	Y.S N./mm <sup>2</sup>	UTS N./mm <sup>2</sup>	Elongation % L = 4D	Impact / Joules	Testing Temp
0.08	1.10	0.55	0.03	0.03	●	●	●	●	●	400-520	510-660	26-35	60-100	-29°C

**Approved by:**

Lloyds - Grade 3YH5, IRS - Grade 3YH, Bureau Veritas (B.V.) - Grade 3YH5, Det Norske Veritas (DNV), M.N. Dastur & Co, Indian Boiler Rules (I.B.R.), Tata Projects, Project Development India Ltd (P.D.I.L), CIDCO, BIS

**Application:**

Critical Pressure Vessels, High Pressure Piping, Blast Furnace, Steel works, Bridges, overhead Cranes, Ship constructions & Earth moving equipments

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+ Orange - 7018 Spl (AWS Spec. E - 7018-1)

C %	Mn %	Si %	S %	P %	Cr %	Ni %	Mo %	Cu %	Fe %	Y.S N./mm <sup>2</sup>	UTS N./mm <sup>2</sup>	Elongation % L = 4D	Impact / Joules	Testing Temp
0.08	1.35	0.45	0.03	0.03	●	●	●	●	●	400-520	510-660	24-30	50-90	-49°C

**Application:**

Suitable for welding of pressure vessels & equipments subjected to severe stress & low temperature down to -50°C, ship construction & high pressure piping.