



AWS Errata Sheet

AWS Standard: AASHTO/AWS D1.5M/D1.5:2010, *Bridge Welding Code*

The following Erratum has been identified and will be incorporated into the next reprinting of this document.

Page 82 – Table 4.1 – Correct “ER90C-XXX” in the Welding Processes and Electrode Specification and Classifications column to “E90C-XXX.” Refer to attached page 82.

Table 4.1 (Continued)
Matching Filler Metal Requirements for WPSs Qualified in Conformance with 5.12

Base Metal	Welding Processes and Electrode Specification and Classifications	Qualification, Pretest, and Verification Test Requirements				
		Minimum Yield Strength, MPa [ksi]	Minimum Tensile Strength, MPa [ksi]	Minimum Elongation in 50 mm [2 in], %	Minimum CVN, J [ft-lb] AASHTO Temperature Zones ^a	
					I and II	III
M 270M/M 270 (A 709/A 709M) Gr. 345W [50W] Gr. HPS 345W [HPS 50W] 100 mm [4 in] and under (Cont'd)	GMAW AWS A5.18/A5.18M ER70S-2, -3, -6, -7 E70C-3C, E70C-3M E70C-6C, E70C-6M AWS A5.28/A5.28M ER70S-XXX ER80S-XXX E70C-XXX E80C-XXX	345 [50]	485 [70]	22	27 @ -20°C [20 @ 0°F]	27 @ -30°C [20 @ -20°F]
	ELECTROSLAG (ESW-NG)					
	See Annex I	345 [50]	485 [70]	22	27 @ -20°C [20 @ 0°F]	Not Permitted
	ELECTROGAS—Not Authorized for Tension and Reversal Members					
	AWS A5.26/A5.26M EG70X-X EG72X-X	345 [50]	485 [70]	22	27 @ -20°C [20 @ 0°F]	As Approved by Engineer
M 270M/M 270 (A 709/A 709M) Gr. HPS 485W [HPS 70W]	SMAW AWS A5.5/A5.5M E9018M	Prequalified—Exempt from Test (see 5.11)				
	SAW AWS A5.23/A5.23M F9A0-EXXX-XX F9A0-ECXXX-XX F9A2-EXXX-XX F9A2-ECXXX-XX	485 [70]	620 [90]	17	34 @ -25° C [25 @ -10° F]	34 @ -30° C [25 @ -20° F]
	FCAW-G AWS A5.29/A5.29M E9XT1-XC, -XM E9XT5-XC, -XM	485 [70]	620 [90]	17	34 @ -25° C [25 @ -10° F]	34 @ -30° C [25 @ -20° F]
	FCAW-S AWS A5.29/A5.29M E9XT8-X	485 [70]	620 [90]	17	34 @ -25° C [25 @ -10° F]	34 @ -30° C [25 @ -20° F]
	GMAW AWS A5.28/A5.28M E90C-K3 ER90S-XXX ER90C-XXX E90C-XXX	485 [70]	620 [90]	17	34 @ -25° C [25 @ -10° F]	34 @ -30° C [25 @ -20° F]
M 270M/M 270 (A 709/A 709M) Gr. 690, 690W [100, 100W] Over 60 mm [2-1/2 in] thick	SMAW AWS A5.5/A5.5M E10018M E11018M	Prequalified—Exempt from Test (see 5.11)				

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