

AWS Errata Sheet

The following Errata have been identified and will be incorporated into the next reprinting of AWS D1.1/D1.1M:2020, *Structural Welding Code-Steel*

Page 9, term ***dihedral angle**: a return is missing between “See local dihedral angle” and “discontinuity”

***dihedral angle.** See **local dihedral angle**.

discontinuity. An interruption of the typical structure of a material, such as a lack of homogeneity in its mechanical or metallurgical, or physical characteristics. A discontinuity is not necessarily a defect.

Page 42, Table 4.5 entitled “Fatigue Stress Design Parameters (see 4.14.1)”

- Description 5.6 replace “Formula 4” with “Formula 5”
- Description 5.7 replace “Formula 4” with “Formula 5”
- Description 8.2 replace “Formula 3” with “Formula 4”
- Description 8.4 replace “Formula 3” with “Formula 4”

Page 79, Table 5.8 entitled “Prequalified Minimum Preheat and Interpass Temperature (see 5.7)”

-Category B on page 79 lists the Category C Minimum Preheat and Interpass Temperatures instead of the Category B Minimum Preheat and Interpass Temperatures. See corrected Table.

Table 5.8 (Continued)					
Prequalified Minimum Preheat and Interpass Temperature (see 5.7)					
C A T E G O R Y	Steel Specification	Welding Process	Thickness of Thickest Part at Point of Welding		Minimum Preheat and Interpass Temperature
			in	mm	°F °C
B (cont'd)	ASTM A710 Grade A, Class 2 >2 in [50 mm]	SMAW with low-hydrogen electrodes, SAW, GMAW, FCAW	1/8 to 3/4 incl. Over 3/4 thru 1-1/2 incl. Over 1-1/2 thru 2-1/2 incl. Over 2-1/2	3 to 20 incl. Over 20 thru 38 incl. Over 38 thru 65 incl. Over 65	32 ^a 0 ^a 50 10 150 65 225 110
	ASTM A847				
	ASTM A913 Grade 50				
	ASTM A992				
	ASTM A1008 HSLAS Grade 45 Class 1 Grade 45 Class 2 Grade 50 Class 1 Grade 50 Class 2 Grade 55 Class 1 Grade 55 Class 2				
	ASTM A1008 HSLAS-F Grade 50				
	ASTM A1011 SS Grades 50, 55				
	ASTM A1011 HSLAS Grade 45 Class 1 Grade 45 Class 2 Grade 50 Class 1 Grade 50 Class 2 Grade 55 Class 1 Grade 55 Class 2				
	ASTM A1011 HSLAS-F Grade 50				
	ASTM A1018 HSLAS Grade 45 Class 1 Grade 45 Class 2 Grade 50 Class 1 Grade 50 Class 2 Grade 55 Class 1 Grade 55 Class 2				
	ASTM A1018 HSLAS-F Grade 50				
	ASTM A1018 SS Grades 30, 33, 36, 40				
	ASTM A1066 Grade 50				
	ASTM A1085				
	API 5L Grades B, X42				
	API Spec. 2H Grades 42, 50				
	API 2MT1 Grade 50				
	API 2W Grades 42, 50, 50T				
	API 2Y Grades 42, 50, 50T				
	ABS Grades A, B, D, E AH 32, 36 DH 32, 36 EH 32, 36				

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