

Standards Manager Web Standards List
AWS-American Welding Society

Id	Number	Title	Year	Organization	Page
1	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	2024	AWS	
2	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2023	AWS	
3	B2.4	Specification for Welding Procedure and Performance Qualification for Thermoplastics	2023	AWS	
4	C2.19/C2.19M	Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair - 1st Edition	2023	AWS	
5	A5.3/A5.3M	Specification for Aluminum and Aluminum Alloy Electrodes for Shielded Metal Arc Welding	2023	AWS	0
6	A5.16/A5.16M	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods	2023	AWS	0
7	A5.24/A5.24M	Specification for Zirconium and Zirconium-Alloy Welding Electrodes and Rods	2023	AWS	0
8	D15.2/D15.2M	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles	2022	AWS	
9	D8.9M	Test Methods for Evaluating the Resistance Spot Welding Behavior of Automotive Sheet Steel Materials	2022	AWS	0
10	G1.6	Specification for the Training, Qualification, and Company Certification of Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants	2022	AWS	0
11	A5.5/A5.5M	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding	2022	AWS	0
12	A5.9/A5.9M	Specification for Bare Stainless Steel Welding Electrodes and Rods	2022	AWS	0
13	A5.28/A5.28M	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding	2022	AWS	0
14	A5.29/A5.29M	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	2022	AWS	0
15	A5.30/A5.30M	Specification for Consumable Inserts	2022	AWS	0
16	A5.31M/A5.31	Specification for Fluxes for Brazing and Braze Welding	2022	AWS	0
17	C3.6M/C3.6	Specification for Furnace Brazing	2022	AWS	0
18	C4.4/C4.4M	Recommended Practices for Heat Shaping and Straightening with Oxyfuel Gas Heating Torches	2022	AWS	0
19	D14.9/D14.9M	Specification for the Welding of Hydraulic Cylinders	2022	AWS	0
20	B2.1/B2.1M-BMG	Base Metal Grouping for Welding Procedure and Performance Qualification	2021	AWS	0
21	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	2021	AWS	54
22	A5.29/A5.29M	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	2021	AWS	60
23	D17.3/D17.3M	Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications	2021	AWS	58
24	D8.8M	Specification for Automotive Weld Quality - Arc Welding of Steel	2021	AWS	30
25	A5.13/A5.13M	Specification for Surfacing Electrodes for Shielded Metal Arc Welding	2021	AWS	44
26	A5.23/A5.23M	Specification for Low Alloy Steel Electrodes and Fluxes for Submerged Arc Welding	2021	AWS	40
27	C6.2/C6.2M	Specification for Friction Welding of Metals	2021	AWS	30
28	D8.10M	Specification for Automotive Weld Quality Laser Beam Welding of Steel	2021	AWS	40
29	D16.2M/D16.2	Guide for Components of Robotic and Automatic Arc Welding Installations	2021	AWS	40
30	Z49.1	Safety in Welding, Cutting and Allied Processes	2021	AWS	72
31	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2021	AWS	48
32	D8.1M	Specification for Automotive Weld Quality-Resistance Spot Welding of Steel	2021	AWS	42
33	D10.10/D10.10 M	Recommended Practices for Local Heating of Welds in Piping and Tubing	2021	AWS	124
34	D10.22/D10.22 M	Specification for Local Heating of Welds in Creep Strength-Enhanced Ferritic Steels in Piping and Tubing Using Electric Resistance Heating	2021	AWS	44

35	A5.20/A5.20M	Specification for Carbon Steel Electrodes for Flux Cored Arc Welding	2021	AWS	56
36	A5.32M/A5.32	Welding Consumablesù Gases and Gas Mixtures for Fusion Welding and Allied Processes	2021	AWS	40
37	D16.5M/D16.5	Training Guide for Robotic Arc Welding Personnel	2021	AWS	98
38	G2.4/G2.4M	Guide for the Fusion Welding of Titanium and Titanium Alloys	2021	AWS	68
39	B2.1-1-018	Standard Welding Procedure Specification (WPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E71T-8, As-Welded Condition Site License	2021	AWS	35
40	B2.1-4-217	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), ER80S-B2, 1/8 Through 1/2 in. Thick As-Welded Condition, 1/8 Through 3/4 in. Th	2021	AWS	29
41	B2.1-4-218	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 Through 1/2 in. Thick As-Welded Condition, 1/8 Through 1-1/2 in	2021	AWS	29
42	B2.1-4-219	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), 1/8 Through 1/2 in. Thick, As-Welded Con	2021	AWS	33
43	B2.1-4-220	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 Through 1/2 in. Thick, As-Welded Condi	2021	AWS	33
44	B2.1-4-221	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), 1/8 Through 1/2	2021	AWS	33
45	D1.8/D1.8M	Structural Welding Code - Seismic Supplement	2021	AWS	148
46	B2.5	Specification for Measurement of Welding Power Source Output for Calculation of Welding Procedure Heat Input	2021	AWS	0
47	F4.2	Safety Guidelines for Proper Selection of Welding Cables	2020	AWS	24
48	QC20	Specification for AWS Certification of Resistance Welding Technicians	2020	AWS	22
49	A5.26/A5.26M	Specification for Carbon and Low-Alloy Steel Electrodes for Electrogas Welding	2020	AWS	40
50	A5.28/A5.28M	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding	2020	AWS	66
51	A5.39/A5.39M	SPECIFICATION FOR FLUX AND ELECTRODE COMBINATIONS FOR SUBMERGED ARC AND ELECTROSLAG JOINING AND SURFACING OF STAINLESS STEEL AND NICKEL ALLOYS	2020	AWS	62
52	C3.8M/C3.8	Specification for the Ultrasonic Pulse-Echo Examination of Brazed Joints	2020	AWS	32
53	C3.9M/C3.9	Specification for Resistance Brazing	2020	AWS	32
54	D1.5M/D1.5	Bridge Welding Code	2020	AWS	510
55	D18.1/D18.1M	Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications	2020	AWS	48
56	B2.1-1/8-323	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309 ER309L, in the As-Welded Condition,	2020	AWS	40
57	B2.1-1/8-324	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL- 309-XX and MIL-309L-XX, in the As-Wel	2020	AWS	38
58	B2.1-1/8-325	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3	2020	AWS	44
59	B2.1-1-001	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 3/4 inch [19 mm] Thick, E7016 and E7018, in the As-Welded Condition, Primarily Plate and Structural Applicatio	2020	AWS	32
60	B2.1-1-002	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 7/8 inch [22 mm] Thick, ER70S-2 and ER70S-3, in the As-Welded Condition, Primarily Plate and Structural Applicat	2020	AWS	32
61	B2.1-1-232	Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel	2020	AWS	32

62	B2.1-1-233	Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel	2020	AWS	32
63	B2.1-1-303	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2 and MIL- 7018-M, in the As-Weld	2020	AWS	40
64	B2.1-1-313	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welde	2020	AWS	44
65	B2.1-8-310	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in	2020	AWS	40
66	B2.1-8-320	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in	2020	AWS	40
67	A3.0M/A3.0	Standard Welding Terms and Definitions - Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying	2020	AWS	190
68	D1.1/D1.1M	Structural Welding Code	2020	AWS	664
69	A5.34/A5.34M	Specification for Nickel-Alloy Electrodes for Flux Cored ArcWelding	2020	AWS	44
70	J1.3/J1.3M	Guide to Installation and Maintenance of Resistance Welding Machines	2020	AWS	46
71	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2020	AWS	166
72	A4.2M/A4.2	Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal	2020	AWS	54
73	A4.5M/A4.5	Standard Methods for Classification Testing of Positional Capacity and Root Penetration ofWelding Consumables in a FilletWeld	2020	AWS	26
74	C3.14M/C3.14	Standard Method for Evaluation of Brazed Joints Using Visual and Metallographic Techniques	2020	AWS	46
75	D14.4/D14.4M	Specification for the Design of Welded Joints in Machinery and Equipment	2019	AWS	124
76	F2.3M	Specification for Use and Performance of Transparent Welding Curtains and Screens	2019	AWS	26
77	D3.9/D3.9M	Specification for Classification of Weld-Through Paint Primers	2019	AWS	28
78	D14.3/D14.3M	Specification for Welding Earthmoving and Construction Equipment	2019	AWS	126
79	D15.1/D15.1M	Railroad Welding Specification for Cars and Locomotives	2019	AWS	260
80	D20.1/D20.1M	Specification for Fabrication of Metal Components using Additive Manufacturing	2019	AWS	106
81	G2.3M/G2.3	Guide for the Joining of Solid Solution Austenitic Stainless Steels	2019	AWS	112
82	C1.1M/C1.1	Recommended Practices for Resistance Welding	2019	AWS	132
83	C1.5	Specification for the Qualification of Resistance Welding Technicians	2019	AWS	22
84	C3.2M/C3.2	Standard Method for Evaluating the Strength of Brazed Joints	2019	AWS	48
85	D1.5M/D1.5	Bridge Welding Code - 7th Edition; Interim Revision	2019	AWS	23
86	A5.01M/A5.01	Welding Consumables Procurement of Filler Metals and Fluxes	2019	AWS	38
87	A5.8M/A5.8	Specification for Filler Metals for Brazing and Braze Welding	2019	AWS	64
88	A5.17/A5.17M	Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding	2019	AWS	42
89	A5.34/A5.34M	Specification for Nickel-Alloy Electrodes for Flux Cored ArcWelding	2019	AWS	46
90	B2.1-1-201	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill	2019	AWS	27
91	B2.1-1-202	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphi	2019	AWS	27

92	B2.1-1-203	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Uphill), As-Welded Condition (Primarily Pi	2019	AWS	27
93	B2.1-1-204	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Downhill Root with the Balance Vertical Up	2019	AWS	27
94	B2.1-1-205	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphi	2019	AWS	29
95	B2.1-1-206	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Up	2019	AWS	29
96	B2.1-1-207	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2, As- Welded or PWHT Condition (Primarily Pipe Appl	2019	AWS	27
97	B2.1-1-208	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E7018, As-Welded or PWHT Condition (Primarily Pipe Appli	2019	AWS	25
98	B2.1-1-209	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2 and E7018,	2019	AWS	29
99	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications - 3rd Edition	2019	AWS	60
100	B2.1-1-026	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Prima	2018	AWS	33
101	F3.2	Ventilation Guide for Weld Fume - 2nd Edition	2018	AWS	44
102	NAVSEA B2.1-1-301	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Plate and Structural Na	2018	AWS	32
103	B2.1-8-023	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications - 2nd	2018	AWS	33
104	NAVSEA B2.1-1-311	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applicat	2018	AWS	34
105	D1.5M/D1.5	Bridge Welding Code - 7th Edition; Interim Revision	2018	AWS	29
106	D16.6M/D16.6	Specification for Robot Arc Welding Training and Testing Cell - 1st Edition	2018	AWS	36
107	A5.2/A5.2M	Specification for Carbon and Low-Alloy Steel Rods for Oxyfuel Gas Welding - 9th Edition	2018	AWS	32
108	B2.1-1-016	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications	2018	AWS	33
109	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	2018	AWS	58
110	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	2018	AWS	46
111	B2.1-1-027	Standard Welding Procedure Specification (WPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1/2 Inch Thick, E71T-11, As-Welded Condition Site License	2018	AWS	27
112	B2.1-1-304		2018	AWS	33
113	B2.1-1-304		2018	AWS	33
114	B5.2	Specification for the Qualification of Welding Inspector Specialists and Welding Inspector Assistants	2018	AWS	30
115	C4.3/C4.3M	Recommended Practices for Safe Oxyfuel Gas Heating Torch Operation - Third Edition	2018	AWS	42
116	D1.3/D1.3M	NULL	2018	AWS	106
117	D9.1M/D9.1	Sheet Metal Welding Code	2018	AWS	76
118	D10.18M/D10.18	Guide forWelding Ferritic/Austenitic Duplex Stainless Steel Piping and Tubing	2018	AWS	38
119	F1.1M	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	2018	AWS	40

120	F3.2M/F3.2	Ventilation Guide for Weld Fume	2018	AWS	44
121	NAVSEA B2.1-1-305	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Weld	2018	AWS	33
122	C2.23M/C2.23	Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel - 2nd Edition	2018	AWS	31
123	B2.1-1-021	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condi	2018	AWS	33
124	B2.1-1-316	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-3, in the As-Welded or	2018	AWS	33
125	B2.1-1-022	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primari	2018	AWS	33
126	NAVSEA B2.1-8-309	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Stru	2018	AWS	31
127	B2.1-1-317	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Weld	2018	AWS	33
128	NAVSEA B2.1-8-319	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval	2018	AWS	33
129	B2.1-1-314	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 and MIL-70S-2	2018	AWS	30
130	B2.1-1-315	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 and MIL-70S-2	2018	AWS	30
131	B2.1-8-321	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition	2018	AWS	30
132	B2.1-8-322	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition	2018	AWS	30
133	B2.3/B2.3M	Specification for Soldering Procedure and Performance Qualification - 3rd Edition	2018	AWS	78
134	B2.1-1-017	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications	2018	AWS	33
135	D1.4/D1.4M	Structural Welding Code - Steel Reinforcing Bars - 8th Edition	2018	AWS	98
136	B2.1-1-019	Standard Welding Procedure Specification (SWPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1C and E71 T-1C, in the As-Welded Condition, Primarily Plate and Struct	2018	AWS	33
137	NAVSEA B2.1-1-304	Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded Condition, Prima	2018	AWS	33
138	D16.1M/D16.1	Specification for Robotic Arc Welding Safety - 2nd Edition	2018	AWS	34

139	B2.1-1-020	Standard Welding Procedure Specification (SWPS) for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily	2018	AWS	33
140	C3.12M/C3.12		2017	AWS	30
141	C4.2/C4.2M	Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation	2017	AWS	50
142	C7.4/C7.4M	Process Specification and Operator Qualification for Laser Beam Welding	2017	AWS	54
143	C7.6/C7.6M		2017	AWS	54
144	D1.6/D1.6M	Structural Welding Code - Stainless Steel	2017	AWS	340
145	D3.6M	Specification for Underwater Welding	2017	AWS	148
146	D8.2M		2017	AWS	40
147	D8.14M	Specification for Automotive Weld Quality Arc Welding of Aluminum	2017	AWS	42
148	D14.1/D14.1M AMD 1	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	2017	AWS	158
149	D16.3M/D16.3	Risk Assessment Guide for Robotic Arc Welding	2017	AWS	38
150	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2017	AWS	299
151	EG2.0 SUPPLEMENT	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2017	AWS	130
152	F1.6	Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting	2017	AWS	22
153	F4.1	Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping	2017	AWS	22
154	A5.9/A5.9M	Specification for Bare Stainless Steel Welding Electrodes and Rods	2017	AWS	55
155	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	2017	AWS	50
156	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2017	AWS	46
157	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2017	AWS	178
158	C1.4M/C1.4	Specification for Resistance Welding of Carbon and Low-Alloy Steels	2017	AWS	34
159	C2.16/C2.16M	Guide for Thermal-Spray Operator Qualification	2017	AWS	46
160	QC10	Specification for Qualification and Certification for Entry Level Welders	2017	AWS	34
161	C2.20/C2.20M	Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete	2016	AWS	48
162	C3.5MC3.5 AMD 1	NULL	2016	AWS	38
163	G1.10M	Guide for The Evaluation of Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic Welds	2016	AWS	62
164	A1.1	Metric Practice Guide for the Welding Industry	2016	AWS	60
165	B2.1-8-308		2016	AWS	29
166	B2.1-8-318		2016	AWS	33
167	C3.4	Specification for Torch Brazing	2016	AWS	30
168	C3.5	Specification for Induction Brazing	2016	AWS	31
169	C3.6	Specification for Furnace Brazing	2016	AWS	31
170	C7.3	Process Specification for Electron Beam Welding	2016	AWS	36
171	D17.3	Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications	2016	AWS	58
172	QC47		2016	AWS	35
173	A5.36A5.36M	NULL	2016	AWS	74
174	B1.10MB1.10	NULL	2016	AWS	74
175	B2.2-B2.2M	NULL	2016	AWS	90

176	B4.0	Standard Methods for Mechanical Testing of Welds	2016	AWS	184
177	C3.4MC3.4	NULL	2016	AWS	30
178	C3.5MC3.5	NULL	2016	AWS	32
179	C3.6MC3.6	NULL	2016	AWS	32
180	D1.1D1.1M ERTA 2	NULL	2016	AWS	4
181	D1.8D1.8M	NULL	2016	AWS	138
182	D17.3D17.3M	NULL	2016	AWS	58
183	J1.2MJ1.2	NULL	2016	AWS	44
184	QC1	Standard for AWS Certification of Welding Inspectors	2016	AWS	32
185	NAVSEA B2.1- 1-302	NULL	2015	AWS	30
186	NAVSEA B2.1- 1-312	NULL	2015	AWS	31
187	D16.4MD16.4	NULL	2015	AWS	26
188	D18.3D18.3M	NULL	2015	AWS	38
189	D1.9D1.9M	NULL	2015	AWS	172
190	D1.5MD1.5	NULL	2015	AWS	494
191	D1.1 CCRM	CODE CLINIC For Study of AWS D1.1/D1.1M: 2010 Structural Welding CodeùSteel	2015	AWS	197
192	BUNDLE A	NULL	2015	AWS	172
193	BUNDLE B	NULL	2015	AWS	1
194	BUNDLE C	NULL	2015	AWS	34
195	C1.5	NULL	2015	AWS	24
196	C2.21MC2.21	NULL	2015	AWS	38
197	A5.35A5.35M	NULL	2015	AWS	34
198	B2.1-18-231	NULL	2015	AWS	27
199	B2.1B2.1M AMD1	NULL	2015	AWS	1
200	B2.1B2.1M ERTA 1	NULL	2015	AWS	1
201	B1.11M/B1.11	Guide for the Visual Examination of Welds	2015	AWS	64
202	B2.1-1/8-010	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1) to Austenitic Stainless Steel (M-8/ P-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing - 3rd Edition	2015	AWS	25
203	D1.1/D1.1M	Structural Welding Code - Steel - 23rd Edition	2015	AWS	646
204	WHB-5.9	Welding Handbook Volume 5 - ALUMINUM AND ALUMINUM ALLOYS, Part 2	2015	AWS	752
205	WI	Welding Inspection Handbook - Fourth Edition	2015	AWS	289
206	A5.24/A5.24M	Zirconium and Zirconium Alloy Welding Electrodes and Rods	2014	AWS	30
207	D8.8M	Specification for Automotive Weld Quality - Arc Welding of Steel	2014	AWS	30
208	B2.1B2.1M- BMG	NULL	2014	AWS	216
209	A5.5/A5.5M	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding - 10th Edition	2014	AWS	70
210	B2.1/B2.1M	Specification for Welding Procedure and Performance Qualification - Sixth Edition	2014	AWS	322
211	B5.17	Specification for the Qualification of Welding Fabricators - Fourth Edition	2014	AWS	22

212	D1.2/D1.2M ERTA	Structural Welding Code-Aluminum - 6th Edition	2014	AWS	1
213	D1.2/D1.2M	Structural Welding Code-Aluminum - 6th Edition	2014	AWS	232
214	G2.4/G2.4M	Guide for the Fusion Welding of Titanium and Titanium Alloys	2014	AWS	58
215	J1.1M/J1.1	Specification for Resistance Welding Controls	2013	AWS	49
216	F1.2	Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes - 6th Edition	2013	AWS	26
217	C7.1M/C7.1	Recommended Practices for Electron Beam Welding and Allied Processes	2013	AWS	152
218	D14.9/D14.9M	Specification for the Welding of Hydraulic Cylinders - First Edition	2013	AWS	64
219	D15.2/D15.2M	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles - 3rd Edition	2013	AWS	66
220	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications. - 2nd Edition	2013	AWS	58
221	D8.1M	Specification for Automotive Weld Quality-Resistance Spot Welding of Steel - 2nd Edition	2013	AWS	40
222	C2.19/C2.19M	Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair - 1st Edition	2013	AWS	70
223	B2.1-8-005	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Austenitic Stainless Steel (M-8, P-8, or S-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2013	AWS	22
224	B5.1	Specification for the Qualification of Welding Inspectors - 2nd Edition	2013	AWS	24
225	A5.34/A5.34M	Specification for Nickel-Alloy Electrodes for Flux Cored ArcWelding - 2nd Edition	2013	AWS	42
226	A9.5	Guide for Verification and Validation in Computation Weld Mechanics - 1st Edition	2013	AWS	42
227	A5.01M/A5.01	Welding Consumablesâ Procurement of Filler Metals and Fluxes - 5th Edition	2013	AWS	40
228	A5.16/A5.16M	Specification for Titanium and Titanium-Alloy Welding Electrodes and Rods - 6th Edition	2013	AWS	38
229	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications	2013	AWS	58
230	F1.2	Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes	2013	AWS	26
231	A5.16/A5.16M	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods	2013	AWS	38
232	A9.5	Guide for Verification and Validation in Computation Weld Mechanics	2013	AWS	42
233	D14.9/D14.9M	Specification for the Welding of Hydraulic Cylinders	2013	AWS	64
234	D15.2/D15.2M	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles	2013	AWS	66
235	B2.1-1 8-006	NULL	2013	AWS	23
236	B2.1-1-003	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding of Galvanized Steel, (M-1), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2013	AWS	23
237	B2.1-1-004	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Carbon Steel, (M-1, Group 1), 18 Through 10 Gauge, in the As-Welded Condition, with or without Back	2013	AWS	22
238	B2.1-1-007	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Galvanized Steel, 10 Through 18 Gage, in the As-Welded Condition, with or Without Backing Site License	2013	AWS	23
239	B2.1-1-008	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1, P-1 or S-1), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2013	AWS	23
240	B2.1-1-011	(Withdrawn)Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Galvanized Steel, 10 Through 18 Gauge, in the As-Welded Condition, with or Without Backing Site License	2013	AWS	23
241	B2.1-1-012	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, (M-1,P-1, or S-1 to M-1, P-1 or S-1), 10 Through 18 Gauge, in the As-Welded Condition, with or without Backing Si	2013	AWS	23
242	B2.1-1 8-014	NULL	2013	AWS	22
243	B2.1-1 8-227	NULL	2013	AWS	23
244	B2.1-1 8-228	NULL	2013	AWS	22
245	B2.1-1 8-229	NULL	2013	AWS	27

246	B2.1-1 8-230	NULL	2013	AWS	25
247	B2.1-8-009	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8,P-8,or S-8), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site Licens	2013	AWS	22
248	B2.1-8-013	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel, (SWPS) 10 Through 18 Gauge, in the As-Welded Condition, with or without Backing Site License	2013	AWS	22
249	B5.1	Specification for the Qualification of Welding Inspectors	2013	AWS	24
250	A5.8M/A5.8 AMD 1	Specification for Filler Metals for Brazing and Braze Welding	2013	AWS	64
251	A5.9/A5.9M	Specification for Bare Stainless Steel Welding Electrodes and Rods	2012	AWS	46
252	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	2012	AWS	46
253	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2012	AWS	152
254	A2.4 Spanish	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2012	AWS	158
255	A4.5M/A4.5	Standard Methods for Classification Testing of Positional Capacity and Root Penetration ofWelding Consumables in a FilletWeld	2012	AWS	26
256	A5.1/A5.1M	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding	2012	AWS	62
257	Z49.1	Safety in Welding, Cutting and Allied Processes	2012	AWS	70
258	B2.1/B2.1M-BMG	Base Metal Grouping for Welding Procedure and Performance Qualification	2012	AWS	209
259	A5.31M A5.31	NULL	2012	AWS	38
260	A5.4 A5.4M	NULL	2012	AWS	54
261	A5.8M A5.8-AMD 1	NULL	2012	AWS	64
262	D3.6M ERTA	NULL	2012	AWS	2
263	D9.1M D9.1	NULL	2012	AWS	76
264	D14.4 D14.4M	NULL	2012	AWS	124
265	D17.1/D17.1M	Specification for Fusion Welding for Aerospace Applications	2012	AWS	104
266	D15.1/D15.1M	Railroad Welding Specification for Cars and Locomotives	2012	AWS	234
267	D14.4	Specification for Welded Joints in Machinery and Equipment	2012	AWS	124
268	D8.9M	Recommended Practices for Test Methods for Evaluating the Resistance Spot Welding Behavior of Automotive Sheet Steel Materials SAE D8.9M-2002	2012	AWS	126
269	D9.1/D9.1M	Sheet Metal Welding Code	2012	AWS	76
270	C4.5M	Uniform Designation System for Oxyfuel Nozzles	2012	AWS	20
271	A5.31	Specification for Fluxes for Brazing and Braze Welding	2012	AWS	38
272	A5.36/A5.36M	Specification for Carbon and Low- Alloy Steel Flux Cored Electrodes for Flux Cored Arc Welding and Metal Cored Electrodes for Gas Metal Arc Welding	2012	AWS	66
273	A5.22/A5.22M	Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods	2012	AWS	68
274	A5.4	Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding	2012	AWS	54
275	B2.1/B2.1M	Specification for Welding Procedure and Performance Qualification	2012	AWS	306
276	B2.3/B2.3M	Specification for Soldering Procedure and Performance Qualification	2012	AWS	78
277	B2.4	Specification for Welding Procedure and Performance Qualification for Thermoplastics	2012	AWS	56
278	C2.25/C2.25M	Specification for Thermal Spray Feedstock Solid and Composite Wire and Ceramic Rods	2012	AWS	28
279	C1.1M/C1.1	Recommended Practices for Resistance Welding	2012	AWS	134
280	EWB-I	Effects of Welding on Health, Indexù through XIV	2012	AWS	62
281	G2.3M/G2.3	Guide for the Joining of Solid Solution Austenitic Stainless Steels	2012	AWS	108

282	G2.5/G2.5M	Guide for the FusionWelding of Zirconium and Zirconium Alloys	2012	AWS	48
283	B2.4	Specification for Welding Procedure and Performance Qualification for Thermoplastics - 2nd Edition	2012	AWS	56
284	C4.6M	Thermal Cutting Classification of Thermal Cuts Geometric Product Specification and Quality Tolerances - 1st Edition	2012	AWS	52
285	D14.6/D14.6M	Specification for Welding of Rotating Elements of Equipment - 4th Edition	2012	AWS	88
286	G2.1M/G2.1	Guide for the Joining of Wrought Nickel-Based Alloys	2012	AWS	68
287	A5.8M/A5.8	Specification for Filler Metals for Brazing and Braze Welding - 10th Edition	2011	AWS	62
288	F2.3M	Specification for Use and Performance of Transparent Welding Curtains and Screens	2011	AWS	26
289	QC20	Specification for AWS Certification of Resistance Welding Technicians	2011	AWS	30
290	RWPH	Resistance Welding Pocket Handbook	2011	AWS	48
291	C3.7M/C3.7	Specification for Aluminum Brazing	2011	AWS	34
292	C3.8M/C3.8	Specification for the Ultrasonic Pulse-Echo Examination of Brazed Joints	2011	AWS	30
293	B5.5	Specification for the Qualification of Welding Educators	2011	AWS	22
294	B2.1-1-027	Standard Welding Procedure Specification (WPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1/2 Inch Thick, E71T-11, As-Welded Condition Site License	2011	AWS	22
295	B2.1-22-015	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Aluminum, (M/P/S-22 TO M/P/S-22), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2011	AWS	20
296	A5.8M/A5.8	Specification for Filler Metals for Brazing and Braze Welding	2011	AWS	62
297	A5.23/A5.23M	Specification for Low Alloy Steel Electrodes and Fluxes for Submerged Arc Welding	2011	AWS	60
298	A5.21	Specification for Bare Electrodes and Rods for Surfacing	2011	AWS	42
299	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	2011	AWS	42
300	A5.32M/A5.32	Welding Consumablesù Gases and Gas Mixtures for Fusion Welding and Allied Processes	2011	AWS	44
301	C3.11M/C3.11	Specification for Torch Soldering	2011	AWS	30
302	D1.1/D1.1M	Structural Welding Code	2011	AWS	572
303	D1.4/D1.4M	Structural Welding Code - Reinforcing Steel Errata	2011	AWS	86
304	A5.21 A5.21M	NULL	2011	AWS	42
305	C5.3	Recommended Practices for Air Carbon Arc Gouging and Cutting	2011	AWS	33
306	B4.0M	Standard Methods for Mechanical Testing of Welds	2010	AWS	122
307	F2.2	Lens Shade Selector	2010	AWS	1
308	G1.2M G1.2	NULL	2010	AWS	38
309	B2.2 B2.2M	NULL	2010	AWS	86
310	WHB-4.9	Materials and Applications Part 1	2010	AWS	775
311	A3.0M A3.0	NULL	2010	AWS	162
312	D17.1 D17.1M	NULL	2010	AWS	100
313	D1.5M/D1.5	Bridge Welding Code	2010	AWS	480
314	D1.7/D1.7M	Guide for Strengthening and Repairing Existing Structures	2010	AWS	54
315	D1.1/D1.1M PORTUGUESE	Structural Welding Code	2010	AWS	558
316	D1.1/D1.1M SPANISH	Structural Welding Code	2010	AWS	598
317	C7.2M	Recommended Practices for Laser Beam Welding, Cutting, and Allied Processes	2010	AWS	144
318	D1.1 CCRM	CODE CLINIC For Study of AWS D1.1/D1.1M: 2010 Structural Welding CodeùSteel	2010	AWS	166
319	D10.14M/D10.14	Guide for Multipass Orbital Machine Pipe Groove Welding	2010	AWS	78

320	D3.6M	Underwater Welding Code	2010	AWS	144
321	D3.9	Specification for Classification of Weld-Through Paint Primers	2010	AWS	30
322	D14.3/D14.3M	Specification for Welding Earthmoving and Construction Equipment	2010	AWS	96
323	B2.1-1-011 ERTA	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Galvanized Steel(M-1), 10 Through 18 Gauge, in the As-Welded Condition, with or without Backing Site License	2010	AWS	1
324	A5.22	Specification for Stainless Steel Electrodes for Flux Cored Arc Welding and Stainless Steel Flux Cored Rods for Gas Tungsten Arc Welding	2010	AWS	68
325	A5.29/A5.29M	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	2010	AWS	62
326	A5.13/A5.13M	Specification for Surfacing Electrodes for Shielded Metal Arc Welding	2010	AWS	44
327	B2.2	Standard for Brazing Procedure and Performance Qualification	2010	AWS	86
328	UGFM	AWS User's Guide to Filler Metals	2010	AWS	180
329	D1.1/D1.1M	Structural Welding Code	2010	AWS	569
330	D17.3	Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications	2010	AWS	56
331	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	2010	AWS	52
332	B5.15	Specification for the Qualification of Radiographic Interpreters	2010	AWS	26
333	A3.0	Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying	2010	AWS	162
334	B2.1/B2.1M- BMG	Base Metal Grouping for Welding Procedure and Performance Qualification	2009	AWS	202
335	A5.12/A5.12M	Specification for Tungsten and Tungsten-Alloy Electrodes for Arc Welding and Cutting	2009	AWS	38
336	A5.01M/A5.01	Procurement Guidelines for Consumablesù Welding and Allied ProcessesùFlux and Gas Shielded ElectricalWelding Processes	2009	AWS	40
337	QC19	Specification for AWS Certification of Robotic Arc Welding Personnel	2009	AWS	24
338	D10.10/D.10M	Recommended Practices for Local Heating of Welds in Piping and Tubing	2009	AWS	120
339	PRGP	The Practical Reference Guide to Positioning	2009	AWS	74
340	QC10	Specification for Qualification and Certification for Entry Level Welders	2009	AWS	35
341	QC14	Specification for the Certification of Welding Sales Representatives	2009	AWS	18
342	D18.1/D18.1M	Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications	2009	AWS	36
343	D18.2	Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube	2009	AWS	2
344	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2009	AWS	162
345	B5.14	Specification for the Qualification of Welding Sales Representatives	2009	AWS	18
346	C3.9M/C3.9	Specification for Resistance Brazing	2009	AWS	26
347	C1.4M/C1.4	Specification for Resistance Welding of Carbon and Low-Alloy Steels	2009	AWS	32
348	C1.5		2009	AWS	24
349	C3.2M/C3.2	Standard Method for Evaluating the Strength of Brazed Joints	2009	AWS	44
350	C3.3	Recommended Practices for Design, Manufacture, and Examination of Critical Brazed Components	2009	AWS	44
351	A5.6/A5.6M	Specification for Covered Copper and Copper Alloy Arc Welding Electrodes	2009	AWS	38
352	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2009	AWS	104
353	B1.10M/B1.10	Guide for the Nondestructive Examination of Welds	2009	AWS	66
354	D16.3M/D16.3	Risk Assessment Guide for Robotic Arc Welding	2009	AWS	30
355	D14.5/D14.5M	Specification for Welding of Presses and Press Components	2009	AWS	160
356	D14.8M	Standard Methods for the Avoidance of Cold Cracks	2009	AWS	94

357	D8.14M	Specification for Automotive Weld Qualityù Arc Welding of Aluminum	2009	AWS	34
358	D10.18M/D10.18	Guide forWelding Ferritic/Austenitic Duplex Stainless Steel Piping and Tubing	2009	AWS	36
359	D10.7M/D10.7	Guide for the Gas Shielded Arc Welding of Aluminum and Aluminum Alloy Pipe	2009	AWS	44
360	D1.1-BI	The Official Book of D1.1 Interpretations - a Collection of Responses to Formal Inquiries About the Requirements of AWS D1.1	2009	AWS	56
361	C7.4/C7.4M	Process Specification and Operator Qualification for Laser Beam Welding	2009	AWS	36
362	C4.2/C4.2M	Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation	2009	AWS	50
363	D1.2/D1.2M	Structural Welding Code Aluminum Fourth Edition	2009	AWS	228
364	D1.3	Structural Welding Code - Sheet Steel	2009	AWS	100
365	D1.8/D1.8M	Structural Welding Codeù Seismic Supplement	2009	AWS	126
366	B2.1-4-217	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), ER80S-B2, 1/8 Through 1/2 in. Thick As-Welded Condition, 1/8 Through 3/4 in. Th	2009	AWS	23
367	B2.1-4-218	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 Through 1/2 in. Thick As-Welded Condition, 1/8 Through 1-1/2 in	2009	AWS	21
368	B2.1-4-219	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), 1/8 Through 1/2 in. Thick, As-Welded Con	2009	AWS	24
369	B2.1-4-220	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 Through 1/2 in. Thick, As-Welded Condi	2009	AWS	26
370	B2.1-4-221	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), 1/8 Through 1/2	2009	AWS	26
371	B2.1-5A-222	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), ER90S-B3, 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8 Through 3/4 in. Thick, PWHT	2009	AWS	23
372	B2.1-5A-223	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), ER9018-B3, 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8 Through 1-1/2 in. Thick,	2009	AWS	21
373	B2.1-5A-224	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8	2009	AWS	25
374	B2.1-5A-225	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-5A/P-5A), 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8 Through 3/4 i	2009	AWS	26
375	B2.1-5A-226	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), 1/8 Through 1/2 in. Thick,	2009	AWS	26
376	A5.25 A5.25M	NULL	2009	AWS	44
377	A5.26 A5.26M	NULL	2009	AWS	44
378	B1.10MB1.10 SPANISH	NULL	2009	AWS	67
379	A5.12M A5.12	NULL	2009	AWS	38
380	D10.10_ D10.10 M	NULL	2009	AWS	120
381	C6.1	Recommended Practices for Friction Welding R(1998)	2009	AWS	48
382	A5.6 A5.6M	NULL	2008	AWS	38
383	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2008	AWS	104
384	D10.18M D10.18	NULL	2008	AWS	36
385	D10.7M D10.7	NULL	2008	AWS	44
386	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2008	AWS	162

387	D8.14M	Specification for Automotive Weld Qualityù Arc Welding of Aluminum	2008	AWS	34
388	D1.3 D1.3M	NULL	2008	AWS	100
389	C3.2M C3.2	NULL	2008	AWS	44
390	C3.3	Recommended Practices for Design, Manufacture, and Examination of Critical Brazed Components	2008	AWS	44
391	D1.1-BI	The Official Book of D1.1 Interpretations - a Collection of Responses to Formal Inquiries About the Requirements of AWS D1.1 (1976-1998)	2008	AWS	56
392	C7.4 C7.4M	NULL	2008	AWS	36
393	WIT-E	NULL	2008	AWS	44
394	WIT-T	Welding Inspection Technology Fourth Edition	2008	AWS	328
395	WIT-W	NULL	2008	AWS	82
396	QC10	Specification for Qualification and Certification for Entry Level Welders	2008	AWS	35
397	PRGP	The Practical Reference Guide to Positioning	2008	AWS	74
398	QC17	Standard for Accreditation of Welding Fabricators for AWS Certified Welding Fabricator Program	2008	AWS	18
399	VIW-M	Visual Inspection Workshop Reference Manual	2008	AWS	132
400	WIT	Welding Inspection Technology	2008	AWS	328
401	C3.6	Specification for Furnace Brazing	2008	AWS	28
402	D1.5M/D1.5	Bridge Welding Code AASHTO BWC-4	2008	AWS	434
403	B5.17	Specification for the Qualification of Welding Fabricators	2008	AWS	22
404	QC15	Specification for the Certification of Radiographic Interpreters	2008	AWS	20
405	B5.17	Specification for the Qualification of Welding Fabricators	2008	AWS	22
406	D1.1/D1.1M	structural welding code steel	2008	AWS	563
407	D1.3	Structural Welding Code - Sheet Steel Errata	2008	AWS	100
408	D8.8/D8.8M	Specification for Automotive and Light Truck Components Weld Quality - Arc Welding SAE HS J1196	2007	AWS	28
409	QC1	Standard for AWS Certification of Welding Inspectors	2007	AWS	24
410	A5.16/A5.16M	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods	2007	AWS	38
411	D1.6/D1.6M	Structural Welding Code - Stainless Steel	2007	AWS	294
412	B4.0	Standard Methods for Mechanical Testing of Welds	2007	AWS	154
413	C3.4	Specification for Torch Brazing	2007	AWS	26
414	C3.5	Specification for Induction Brazing	2007	AWS	26
415	B2.1-1-201	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill	2007	AWS	23
416	B2.1-1-203	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Uphill), As-Welded Condition (Primarily Pi	2007	AWS	23
417	B2.1-1-204	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Downhill Root with the Balance Vertical Up	2007	AWS	23
418	B2.1-1-205	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphi	2007	AWS	24
419	B2.1-1-206	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Up	2007	AWS	24
420	B2.1-1-207	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2, As- Welded or PWHT Condition (Primarily Pipe Appl	2007	AWS	23
421	B2.1-1-208	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E7018, As-Welded or PWHT Condition (Primarily Pipe Appli	2007	AWS	22

422	B2.1-1-209	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2 and E7018,	2007	AWS	26
423	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications	2007	AWS	44
424	B2.1-1-202	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill)	2007	AWS	23
425	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2007	AWS	140
426	F1.1	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	2007	AWS	20
427	F4.1	Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping	2007	AWS	20
428	D10.11M/D10.11	Guide for Root Pass Welding of Pipe Without Backing	2007	AWS	36
429	A5.2/A5.2M	Specification for Carbon and Low Alloy Steel Rods for Oxyfuel Gas Welding	2007	AWS	28
430	A5.30/A5.30M	Specification for Consumable Inserts - 3rd Edition	2007	AWS	38
431	A5.02/A5.02M	Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes - First Edition; Second Printing; Incorporates Errata: April 2008	2007	AWS	30
432	A5.7/A5.7M	Specification for Copper and Copper-Alloy Bare Welding Rods and Electrodes - 7th Edition	2007	AWS	32
433	A10.1M	Specification for Calibration and Performance Testing of Secondary Current Sensing Coils and Weld Current Monitors used in Single-Phase AC Resistance Welding - 1st Edition	2007	AWS	56
434	D16.2M/D16.2	Guide for Components of Robotic and Automatic Arc Welding Installations	2007	AWS	34
435	C4.3/C4.3M	Recommended Practices for Safe Oxyfuel Gas Heating Torch Operation - Third Edition	2007	AWS	38
436	C4.4/C4.4M	Recommended Practices for Heat Shaping and Straightening with Oxyfuel Gas Heating Torches - Second Edition	2007	AWS	58
437	BRH	Brazing Handbook - Fifth Edition	2007	AWS	740
438	D1.9/D1.9M	Structural Welding Code - Titanium - 1st Edition; Incorporating Addendum: August 26, 2011	2007	AWS	164
439	EWB-13	NULL	2007	AWS	88
440	A5.3 A5.3M	NULL	2007	AWS	34
441	A5.17 A5.17M	NULL	2007	AWS	48
442	WHB-3.9	Welding Handbook, Vol. 3, Welding Processes, Part 2 - Ninth Edition	2007	AWS	615
443	A4.2M	NULL	2006	AWS	58
444	A5.19	Specification for Magnesium Alloy Welding Electrodes and Rods R(1997)	2006	AWS	34
445	A5.15	Specification for Welding Electrodes and Rods for Cast Iron	2006	AWS	38
446	A4.3	Standard Methods for Determination of the Diffusible Hydrogen Content of Martensitic, Bainitic, and Ferritic Steel Weld Metal Produced by Arc Welding	2006	AWS	34
447	A4.4M	Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings	2006	AWS	38
448	F1.3M	A Sampling Strategy Guide for Evaluating Contaminants in the Welding Environment	2006	AWS	32
449	G1.1M/G1.1	Guide to Ultrasonic Assembly of Thermoplastics	2006	AWS	95
450	G1.6	Specification for the Qualification of Plastics Welding Inspectors for Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic Welds	2006	AWS	24
451	C6.2/C6.2M	Specification for Friction Welding of Metals	2006	AWS	34
452	F1.1M	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	2006	AWS	24
453	B2.1-1-232	Standard Welding Procedure Specification (SWPS) for Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group	2006	AWS	21
454	B2.1-1-233	Standard Welding Procedure Specification (SWPS) for Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-	2006	AWS	21

455	B2.1-1-234	Standard Welding Procedure Specification (SWPS) for Argon plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 and 2), 1/8 through 1-1/2 inch Thick, E7XT-X, As-Welded or PWHT Condition, Primarily Pipe Applications	2006	AWS	21
456	B2.1-1-235	Standard Welding Procedure Specification (SWPS) for Argon plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1/S-1, Groups 1 and 2), 1/8 through 1-1/2 inch Thick, ER70S-3, Flat Position Only, As-Welded or PWHT Condi	2006	AWS	21
457	A4.2M/A4.2	Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal	2006	AWS	58
458	B2.1-1-001	NULL	2006	AWS	13
459	C5.7	Recommended Practices for ElectroGas Welding	2006	AWS	76
460	D11.2	Guide for Welding Iron Castings	2006	AWS	210
461	A5.4	Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding	2006	AWS	54
462	A5.5	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding	2006	AWS	68
463	A5.9	Specification for Bare Stainless Steel Welding Electrodes and Rods	2006	AWS	42
464	D1.1/D1.1M	Structural Welding Code	2006	AWS	532
465	B2.1-1-002	Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 through 7/8 inch, in the As-Welded Condition, With or Without Backing	2006	AWS	15
466	B5.9	Specification for the Qualification of Welding Supervisors	2006	AWS	20
467	B5.16	Specification for the Qualification of Welding Engineers	2006	AWS	22
468	QC13	Specification for the Certification of Welding Supervisors	2006	AWS	16
469	D9.1/D9.1M	Sheet Metal Welding Code	2006	AWS	72
470	D16.4-D16.4M	Specification for the Qualification of Robotic Arc Welding Personnel	2005	AWS	24
471	B2.1	Specification for Welding Procedure and Performance Qualification	2005	AWS	274
472	D1.4/D1.4M	Structural Welding Code - Reinforcing Steel Errata	2005	AWS	84
473	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2005	AWS	44
474	A5.20/A5.20M	Specification for Carbon Steel Electrodes for Flux Cored Arc Welding	2005	AWS	50
475	A5.28/A5.28M	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding	2005	AWS	48
476	A5.29	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	2005	AWS	54
477	B5.4	Specification for the Qualification of Welder Test Facilities	2005	AWS	24
478	B2.1-BMG	Specification for Welding Procedure and Performance Qualification	2005	AWS	188
479	A5.22	Specification for Stainless Steel Electrodes for Flux Cored Arc Welding and Stainless Steel Flux Cored Rods for Gas Tungsten Arc Welding	2005	AWS	56
480	Z49.1	Safety in Welding, Cutting and Allied Processes	2005	AWS	68
481	D14.1/D14.1	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	2005	AWS	152
482	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	2005	AWS	50
483	B2.1-8-023	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, As-Welded Condition Site License	2005	AWS	25
484	C3.7M/C3.7	Specification for Aluminum Brazing	2005	AWS	28
485	A5.24/A5.24M	Specification for Zirconium and Zirconium-Alloy Welding Electrodes and Rods	2005	AWS	26
486	D14.7/D14.7M	Recommended Practices for Surfacing and Reconditioning of Industrial Mill Rolls - 1st Edition	2005	AWS	68
487	D8.6	Specification for Automotive Resistance Spot Welding Electrodes - Supplement to RWMA Bulletin 16	2005	AWS	100
488	D8.7M	Recommended Practices for Automotive Weld Quality Resistance Spot Welding	2005	AWS	30
489	D14.1/D14.1M	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	2005	AWS	152
490	TWM	NULL	2005	AWS	206

491	B2.1-1-016	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E7018, As-Welded or PWHT Condition Site License	2005	AWS	25
492	B2.1-1-017	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010, As-Welded or PWHT Condition Site License	2005	AWS	25
493	B2.1-1-018	Standard Welding Procedure Specification (WPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E71T-8, As-Welded Condition Site License	2005	AWS	25
494	B2.1-1-019	Standard Welding Procedure Specification (WPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E70T-1 and E71T-1, As-Welded Condition Site Lic	2005	AWS	25
495	B2.1-1-020	Standard Welding Procedure Specification (WPS) for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E70T-1 and E71T-1, As-Welded or PWHT	2005	AWS	25
496	B2.1-1-021	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2 and E7018,	2005	AWS	25
497	B2.1-1-022	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Uphill) Followed by E7018, As-Welded or	2005	AWS	25
498	B2.1-1-026	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Downhill) Followed by E7018, As-Welded o	2005	AWS	25
499	GTW	NULL	2005	AWS	64
500	PAPQV	NULL	2005	AWS	136
501	CMWS	NULL	2005	AWS	448
502	WHB-2.9	Welding Handbook - Welding Processes, Part 1 - Volume 2; Ninth Edition	2004	AWS	615
503	PHB-3	NULL	2004	AWS	32
504	PHB-6	NULL	2004	AWS	40
505	D3.7	Guide for Aluminum Hull Welding	2004	AWS	87
506	D16.1M/D16.1	Specification for Robotic Arc Welding Safety	2004	AWS	27
507	C7.1	Recommended Practices for Electron Beam Welding	2004	AWS	129
508	C5.6	Recommended Practices for Gas Metal Arc Welding R(1994)	2004	AWS	78
509	A5.8	Specification for Filler Metals for Brazing and Braze Welding	2004	AWS	47
510	A5.1/A5.1M	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding	2004	AWS	55
511	D1.1/D1.1M	structural welding code steel	2004	AWS	541
512	F1.5M	Methods for Sampling and Analyzing Gases from Welding and Allied Processes	2003	AWS	55
513	F1.6	Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting	2003	AWS	17
514	IBSC	International Brazing and Soldering Conference, February 17-19, 2003; Four Points Sheraton Hotel, San Diego, California	2003	AWS	0
515	SGSH	The Independent Shop s Guide to Welding Safety and Health	2003	AWS	43
516	SHF	Safety and Health Fact Sheets Third Edition	2003	AWS	61
517	B5.15	Specification for the Qualification of Radiographic Interpreters	2003	AWS	18
518	B5.1	Specification for the Qualification of Welding Inspectors Data Pending per AWS	2003	AWS	22
519	C2.23M/C2.23	Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel NACE 12, SSPC-CS 23.00	2003	AWS	98
520	D1.2/D1.2M	Structural Welding Code Aluminum Fourth Edition	2003	AWS	217
521	C7.3	Process Specification for Electron Beam Welding	2003	AWS	19
522	C2.23M C2.23	NULL	2003	AWS	49
523	C2.21M/C2.21	Specification for Thermal Spray Equipment Acceptance Inspection	2003	AWS	29
524	C5.5/C5.5M	Recommended Practices for Gas Tungsten Arc Welding	2003	AWS	131
525	C5.10/C5.10M	Recommended Practices for Shielding Gases for Welding and Cutting	2003	AWS	65

526	RWM	NULL	2003	AWS	0
527	EWB-12	NULL	2003	AWS	105
528	B2.1-1 8-010	NULL	2002	AWS	17
529	C2.20 C2.20M	NULL	2002	AWS	41
530	C2.16 C2.16M	NULL	2002	AWS	87
531	B2.1-1 8-231	NULL	2002	AWS	20
532	D1.5M/D1.5	Bridge Welding Code AASHTO BWC-4	2002	AWS	385
533	D8.9M	Recommended Practices for Test Methods for Evaluating the Resistance Spot Welding Behavior of Automotive Sheet Steel Materials SAE D8.9M-2002	2002	AWS	79
534	D1.1/D1.1M	Structural Welding Code - Steel Errata 07/15/2002 Incorporated	2002	AWS	543
535	C2.25/C2.25M	Specification for Thermal Spray Feedstock Solid and Composite Wire and Ceramic Rods	2002	AWS	27
536	C4.2	Operator's Manual for Oxyfuel Gas Cutting	2002	AWS	37
537	C2.16/C2.16M	Guide for Thermal-Spray Operator Qualification	2002	AWS	87
538	C2.20/C2.20M	Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete	2002	AWS	41
539	CC-RM	Code Clinic for Study of AWS D1.1 Structural Welding Code-Steel - Reference Manual	2002	AWS	71
540	B2.1-22-015	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Aluminum, (M/P/S-22 TO M/P/S-22), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2002	AWS	18
541	B5.14	Specification for the Qualification of Welding Sales Representatives	2002	AWS	14
542	C3.3	Recommended Practices for Design, Manufacture, and Examination of Critical Brazed Components	2002	AWS	33
543	B2.1-1-011	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Galvanized Steel(M-1), 10 Through 18 Gauge, in the As-Welded Condition, with or without Backing Site License	2002	AWS	18
544	B2.1-1-012	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, (M-1,P-1, or S-1 to M-1, P-1 or S-1), 10 Through 18 Gauge, in the As-Welded Condition, with or without Backing Si	2002	AWS	18
545	B2.1-8-005	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding of Austenitic Stainless Steel (M-8 or P-8, or S-8), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site Licen	2002	AWS	18
546	B2.1-8-009	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8,P-8,or S-8), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site Licens	2002	AWS	18
547	B2.1-8-013	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel, (SWPS) 10 Through 18 Gauge, in the As-Welded Condition, with or without Backing Site License	2002	AWS	18
548	B2.1-1-003	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding of Galvanized Steel, (M-1), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2002	AWS	18
549	B2.1-1-004	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Carbon Steel, (M-1, Group 1), 18 Through 10 Gauge, in the As-Welded Condition, with or without Back	2002	AWS	18
550	B2.1-1-007	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Galvanized Steel,(M-1) 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2002	AWS	18
551	B2.1-1-008	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1, P-1 or S-1), 18 Through 10 Gauge, in the As-Welded Condition, with or without Backing Site License	2002	AWS	18
552	B2.1-1/8-006	Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8, P-8 or S-8), 18 Through 10 Gauge, in the As-Welded Condition, with or with	2002	AWS	18
553	B2.1-1/8-010	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1, P-1, S-1 to M-8, P-8, or S-8), 18 Through 10 Gauge, in the As-Welded Condition	2002	AWS	18
554	B2.1-1/8-014	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel, (M-1 to M-8/P-8/S-8, Group 1), 10 Through 18 Gauge, in the As-Welded Condition, w	2002	AWS	18
555	B2.1-1/8-227	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 through 1-1/2 inch Thick,	2002	AWS	18

556	B2.1-1/8-228	Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick,	2002	AWS	18
557	B2.1-1/8-229	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/ S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/ P-8/S-8,	2002	AWS	22
558	B2.1-1/8-230	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/1	2002	AWS	20
559	B2.1-1/8-231	Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1,Groups 1 or 2) to Austenitic Stain	2002	AWS	20
560	PRGWA	The Practical Reference Guide for Welding Aluminum Commercial Applications	2002	AWS	41
561	IFS-02	International Index of Welding Filler Metal Classifications	2002	AWS	55
562	PRGHF	The Practical Reference Guide for Hardfacing	2002	AWS	21
563	G2.1M/G2.1	Guide for the Joining of Wrought Nickel-Based Alloys Reprinted, Incorporates Errata: October 2003	2002	AWS	57
564	QC17	Standard for Accreditation of Welding Fabricators for AWS Certified Welding Fabricator Program	2002	AWS	14
565	QC19	Specification for AWS Certification of Robotic Arc Welding Personnel	2002	AWS	24
566	G1.10M	Guide for The Evaluation of Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic Welds	2001	AWS	45
567	PRGQA	The Practical Reference Guide for Welding Aluminum High-Quality Fusion Welding	2001	AWS	21
568	PCWC	Preparing Containers for Welding or Cutting	2001	AWS	0
569	F2.2	Lens Shade Selector	2001	AWS	1
570	F2.3M	Specification for Use and Performance of Transparent Welding Curtains and Screens	2001	AWS	15
571	F3.2M/F3.2	Ventilation Guide for Weld Fume	2001	AWS	36
572	WHB-1.9	Welding Science and Technology Ninth Edition; Volume I(Welding Handbook, Volume 1)	2001	AWS	758
573	WHB-1.9 APP A	Terms and Definitions(Welding Handbook, Volume 1)	2001	AWS	89
574	WHB-1.9 APP B	Metric Practice Guide for the Welding Industry(Welding Handbook, Volume 1)	2001	AWS	24
575	WHB-1.9 CH1	Survey of Joining, Cutting, and Allied Processes(Welding Handbook, Volume 1)	2001	AWS	50
576	WHB-1.9 CH2	Physics of Welding and Cutting(Welding Handbook, Volume 1)	2001	AWS	35
577	WHB-1.9 CH3	Heat Flow in Welding(Welding Handbook, Volume 1)	2001	AWS	27
578	WHB-1.9 CH4	Welding Metallurgy(Welding Handbook, Volume 1)	2001	AWS	42
579	WHB-1.9 CH5	Design for Welding(Welding Handbook, Volume 1)	2001	AWS	82
580	WHB-1.9 CH6	Test Methods for Evaluating Welded Joints(Welding Handbook, Volume 1)	2001	AWS	57
581	WHB-1.9 CH7	Residual Stress and Distortion(Welding Handbook, Volume 1)	2001	AWS	61
582	WHB-1.9 CH8	Symbols for Joining and Inspection(Welding Handbook, Volume 1)	2001	AWS	35
583	WHB-1.9 CH9	Weldment Tooling and Positioning(Welding Handbook, Volume 1)	2001	AWS	26
584	WHB-1.9 CH10	Monitoring and Control of Welding and Joining Process(Welding Handbook, Volume 1)	2001	AWS	29
585	WHB-1.9 CH11	Mechanized, Automated, and Robotic Welding(Welding Handbook, Volume 1)	2001	AWS	32
586	WHB-1.9 CH12	Economics of Welding and Cutting(Welding Handbook, Volume 1)	2001	AWS	49
587	WHB-1.9 CH13	Weld Quality(Welding Handbook, Volume 1)	2001	AWS	45
588	WHB-1.9 CH14	Welding Inspection and Nondestructive Examination(Welding Handbook, Volume 1)	2001	AWS	58
589	WHB-1.9 CH15	Qualification and Certification(Welding Handbook, Volume 1)	2001	AWS	45
590	WHB-1.9 CH16	Codes and Other Standards(Welding Handbook, Volume 1)	2001	AWS	27
591	WHB-1.9 CH17	Safe Practices	2001	AWS	47

592	WHB-1.9 HDBK	Welding Science and Technology(Welding Handbook, Volume 1)	2001	AWS	920
593	WHB-1.9 IMS	Index of Major Subjects	2001	AWS	18
594	WHB-1.9 INDEX	Index	2001	AWS	28
595	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2001	AWS	60
596	ARE-5	Design for Welding	2001	AWS	169
597	ARE-6	Test Methods for Evaluating Welded Joints	2001	AWS	139
598	ARE-7	Residual Stress and Distortion	2001	AWS	129
599	ARE-12	Economics of Welding and Cutting	2001	AWS	105
600	A1.1	Metric Practice Guide for the Welding Industry	2001	AWS	41
601	A3.0	Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying	2001	AWS	147
602	A4.4M	Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings	2001	AWS	30
603	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2001	AWS	40
604	A5.21	Specification for Bare Electrodes and Rods for Surfacing R(1989)	2001	AWS	38
605	B5.16	Specification for the Qualification of Welding Engineers	2001	AWS	22
606	B2.1-8-216	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2	2001	AWS	25
607	B5.2	Specification for the Qualification of Welding Inspector Specialists and Welding Inspector Assistants	2001	AWS	21
608	B2.1-8-024	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 Through 1-1/2 Inch Thick, ER3XX, As-Welded Condition Primarily Plate and S	2001	AWS	26
609	B2.1-8-025	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, E3XX-XX, A	2001	AWS	26
610	B2.1-8-212	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 Through 1-1/2 Inch Thick, ER3XX, As-Welded Condition, Primarily Pipe Appli	2001	AWS	22
611	B2.1-1-210	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Inserts of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, INMs-1 and ER70S-2, As-Welded or P	2001	AWS	22
612	B2.1-1-211	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert Root Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S- 1, Group 1 or 2), 1/8 Through 1-1/2 In	2001	AWS	22
613	B2.1-8-214	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, ER3XX, E3X	2001	AWS	23
614	C5.2	Recommended Practices for Plasma Arc Cutting and Gouging	2001	AWS	53
615	C3.2M/C3.2	Standard Method for Evaluating the Strength of Brazed Joints Errata 2001	2001	AWS	38
616	D10.13/D10.13 M	Recommended Practices for the Brazing of Copper Tubing and Fittings for Medical Gas Systems	2001	AWS	20
617	D15.1	Railroad Welding Specification - Cars and Locomotives	2001	AWS	388
618	D16.2/D16.2M	Guide for Components of Robotic and Automatic Arc Welding Installations	2001	AWS	25
619	D16.3M/D16.3	Risk Assessment Guide for Robotic Arc Welding	2001	AWS	22
620	D17.1	Specification for Fusion Welding for Aerospace Applications Incorporating Errata	2001	AWS	95
621	EWB-11	Effects of Welding on Health, XI	2001	AWS	81
622	EWB-ACD	Effects of Welding on Health, All Volumes 1 through 11 and CD-Rom Index	2001	AWS	0
623	EWB-ALL	Effects of Welding on Health Set of 11 Books - Includes Hardcopy Index	2001	AWS	0
624	EWB-ICD	Effects of Welding on Health, Volume 1 through 11 CD-Rom Index	2001	AWS	0

625	C2.18	Guide for the Protection of Steel with Thermal Sprayed Coatings of Aluminum and Zinc and Their Alloys and Composites	2001	AWS	43
626	D10.13_D10.13 M	NULL	2001	AWS	21
627	F3.2M F3.2	NULL	2001	AWS	43
628	WHC1.04	NULL	2001	AWS	48
629	WHC1.05	NULL	2001	AWS	82
630	WHC1.06	NULL	2001	AWS	58
631	WHC1.07	NULL	2001	AWS	62
632	WHC1.08	NULL	2001	AWS	42
633	WHC1.10	NULL	2001	AWS	36
634	WHC1.11	NULL	2001	AWS	38
635	WHC1.12	NULL	2001	AWS	50
636	B2.1-8-215	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, IN3XX and ER3XX, As-Welded	2001	AWS	25
637	WIH	Welding Inspection Handbook	2001	AWS	243
638	PHB-4	NULL	2000	AWS	50
639	PHB-5	NULL	2000	AWS	24
640	SHB	Soldering Handbook(Soldering Manual)	2000	AWS	577
641	D10.12M_D10.12	NULL	2000	AWS	49
642	D3.5	Guide for Steel Hull Welding R(2000)	2000	AWS	122
643	D10.4	Recommended Practices for Welding Austenitic Chromium-Nickel Stainless Steel Piping and Tubing R(2000)	2000	AWS	44
644	D10.6 D10.6M	NULL	2000	AWS	29
645	D14.3/D14.3M	Specification for Welding Earthmoving and Construction Equipment	2000	AWS	106
646	D10.12M/D10.12	Guide for Welding Mild Steel Pipe	2000	AWS	45
647	D10.6/D10.6M	Recommended Practices for Gas Tungsten Arc Welding of Titanium Pipe and Tubing	2000	AWS	25
648	D10.7M/D10.7	Guide for the Gas Shielded Arc Welding of Aluminum and Aluminum Alloy Pipe R(1992)	2000	AWS	38
649	D8.14M/D8.14	Specification for Automotive and Light Truck Components Weld Quality - Aluminum Arc Welding	2000	AWS	27
650	D9.1M/D9.1	Sheet Metal Welding Code	2000	AWS	54
651	C5.7	Recommended Practices for ElectroGas Welding	2000	AWS	65
652	D1.1-BI	The Official Book of D1.1 Interpretations - a Collection of Responses to Formal Inquiries About the Requirements of AWS D1.1 (1976-1998)	2000	AWS	48
653	C5.3	Recommended Practices for Air Carbon Arc Gouging and Cutting	2000	AWS	29
654	C4.5M	Uniform Designation System for Oxyfuel Nozzles Errata:2000	2000	AWS	14
655	CM	Certification Manual for Welding Inspectors Fourth Edition	2000	AWS	317
656	CM ANNEX A	Additional Resources	2000	AWS	6
657	CM ANNEX B	Sample Forms	2000	AWS	14
658	CM ANNEX C	Answer Key Review Questions Chapters 1 - 13	2000	AWS	5
659	CM CH 1	Welding Inspector	2000	AWS	10
660	CM CH 2	Welding Inspector Responsibilities	2000	AWS	16
661	CM CH 3	Safety	2000	AWS	9
662	CM CH 4	Standards, Including Codes and Specifications	2000	AWS	9

663	CM CH 5	Weld Geometry and Welding Terminology	2000	AWS	24
664	CM CH 6	Welding and Nondestructive Examination Symbols	2000	AWS	32
665	CM CH 7	Weldability, Welding Metallurgy, and Welding Chemistry	2000	AWS	22
666	CM CH 8	Destructive Testing	2000	AWS	32
667	CM CH 9	Welding, Procedure and Welder Qualification	2000	AWS	22
668	CM CH 10	Welding, Brazing, and Cutting Processes	2000	AWS	40
669	CM CH 11	Weld and Base Metal Discontinuities	2000	AWS	25
670	CM CH 12	Nondestructive Examination (NDE) Processes	2000	AWS	20
671	CM CH 13	Inspection Reports	2000	AWS	5
672	CM INDEX	(Withdrawn)Index	2000	AWS	0
673	CM INTRO	Contents; 2000	2000	AWS	16
674	B5.5	Specification for the Qualification of Welding Educators	2000	AWS	27
675	B5.9	Specification for the Qualification of Welding Supervisors	2000	AWS	15
676	B4.0M	Standard Methods for Mechanical Testing of Welds	2000	AWS	113
677	C1.1M/C1.1	Recommended Practices for Resistance Welding	2000	AWS	114
678	B5.17	Specification for the Qualification of Welding Fabricators	2000	AWS	13
679	A5.13	Specification for Surfacing Electrodes for Shielded Metal Arc Welding	2000	AWS	33
680	B1.11	Guide for the Visual Examination of Welds	2000	AWS	45
681	B2.1	Specification for Welding Procedure and Performance Qualification	2000	AWS	249
682	PWE	The Practical Welding Engineer	2000	AWS	154
683	PHB-2	Everyday Pocket Handbook for Visual Inspection and Weld Discontinuities	2000	AWS	0
684	FMC	Filler Metal Comparison Charts	2000	AWS	472
685	FMPK	Filler Metal Comparison Charts and CD Package	2000	AWS	0
686	WI	Welding Inspection Handbook Third Edition(Welding Inspection)	2000	AWS	255
687	WI CH 1	Application and Scope(Welding Inspection)	2000	AWS	0
688	WI CH 2	Symbols(Welding Inspection)	2000	AWS	0
689	WI CH 3	Requirements for the Welding Inspector(Welding Inspection)	2000	AWS	0
690	WI CH 4	Welding Inspection Operations(Welding Inspection)	2000	AWS	0
691	WI CH 5	Inspection Safety Considerations(Welding Inspection)	2000	AWS	3
692	WI CH 6	Quality Assurance(Welding Inspection)	2000	AWS	0
693	WI CH 7	Ferrous Welding Metallurgy(Welding Inspection)	2000	AWS	0
694	WI CH 8	Preheating and Postweld Heat Treating(Welding Inspection)	2000	AWS	0
695	WI CH 9	Weld and Weld Related Discontinuities(Welding Inspection)	2000	AWS	0
696	WI CH 10	Qualification of Welding Procedure Specifications(Welding Inspection)	2000	AWS	0
697	WI CH 11	Qualification of Welders and Welding Operators(Welding Inspection)	2000	AWS	11
698	WI CH 12	Computerization of Welding Inspection and Quality(Welding Inspection)	2000	AWS	6
699	WI CH 13	Destructive Testing of Welds(Welding Inspection)	2000	AWS	0
700	WI CH 14	Proof Tests(Welding Inspection)	2000	AWS	0
701	WI CH 15	Nondestructive Examination Methods(Welding Inspection)	2000	AWS	89
702	WI CH 16	Qualification of Nondestructive Examination Personnel(Welding Inspection)	2000	AWS	1
703	WI CH 17	Codes and Other Standards(Welding Inspection)	2000	AWS	0

704	WI CH 18	Metric Practice(Welding Inspection)	2000	AWS	0
705	WI INDEX	Index to Welding Inspection(Welding Inspection)	2000	AWS	0
706	WI TABLE OF CONTENTS	Welding Inspection Handbook Third Edition(Welding Inspection)	2000	AWS	10
707	WIT-T	Welding Inspection Technology Fourth Edition	2000	AWS	0
708	WIT-W-99	Welding Inspection Technology Wookbook Third Edition	1999	AWS	0
709	Z49.1	Safety in Welding, Cutting and Allied Processes	1999	AWS	58
710	G1.2M/G1.2	Specification for Standardized Ultrasonic Welding Test Specimen for Thermoplastics	1999	AWS	28
711	PRGT	The Practical Reference Guide for Welding Titanium	1999	AWS	16
712	PRGVT	The Practical Reference Guide for Welding Inspection Management - Visual Inspection of Pressure Vessels and Pressure Piping	1999	AWS	32
713	PASS	Professional's Advisor on Welding Stainless Steels	1999	AWS	0
714	F4.1	Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping	1999	AWS	13
715	PRGWM	The Practical Reference Guide to Welding Metallurgy - Key Concepts for Weldability	1999	AWS	34
716	PRGC	The Practical Reference Guide for Corrosion of Welds - Causes and Cures	1999	AWS	29
717	SHB	Soldering Handbook(Soldering Manual)	1999	AWS	575
718	SHB ANNEX A	Annex A(Soldering Manual)	1999	AWS	3
719	SHB ANNEX B	Annex B(Soldering Manual)	1999	AWS	1
720	SHB ANNEX C	Annex C(Soldering Manual)	1999	AWS	9
721	SHB ANNEX D	Annex D(Soldering Manual)	1999	AWS	4
722	SHB ANNEX E	Annex E(Soldering Manual)	1999	AWS	10
723	SHB CH 1	Fundamentals of Soldering Technology(Soldering Manual)	1999	AWS	178
724	SHB CH 2	Solders Materials(Soldering Manual)	1999	AWS	50
725	SHB CH 3	Substrate Materials(Soldering Manual)	1999	AWS	62
726	SHB CH 4	Fluxes(Soldering Manual)	1999	AWS	20
727	SHB CH 5	Solder Pastes(Soldering Manual)	1999	AWS	2
728	SHB CH 6	Assembly Processes(Soldering Manual)	1999	AWS	134
729	SHB CH 7	Inspection Techniques for Product Acceptance and Process Optimization(Soldering Manual)	1999	AWS	53
730	SHB CH 8	Environmental, Safety, and Health(Soldering Manual)	1999	AWS	12
731	SHB INDEX	Index to Soldering Handbook(Soldering Manual)	1999	AWS	10
732	SHB INTRO	Soldering Handbook(Soldering Manual)	1999	AWS	27
733	API-IM	Code Clinic for Study of API Standard 1104 Eighteenth Edition Welding of Pipelines and Related Facilities - Instruction Manual	1999	AWS	135
734	AWS	Arc Welding Safety	1999	AWS	0
735	B1.10	Guide for the Nondestructive Examination of Welds	1999	AWS	45
736	A5.3/A5.3M	Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding	1999	AWS	26
737	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	1999	AWS	38
738	B2.1-4-217	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), ER80S-B2, 1/8 Through 1/2 in. Thick As-Welded Condition, 1/8 Through 3/4 in. Th	1999	AWS	20

739	B2.1-4-218	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 Through 1/2 in. Thick As-Welded Condition, 1/8 Through 1-1/2 in	1999	AWS	18
740	B2.1-4-219	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), 1/8 Through 1/2 in. Thick, As-Welded Con	1999	AWS	21
741	B2.1-4-220	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 Through 1/2 in. Thick, As-Welded Condi	1999	AWS	23
742	B2.1-4-221	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), 1/8 Through 1/2	1999	AWS	23
743	B2.1-5A-222	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), ER90S-B3, 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8 Through 3/4 in. Thick, PWHT	1999	AWS	20
744	B2.1-5A-223	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), ER9018-B3, 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8 Through 1-1/2 in. Thick,	1999	AWS	19
745	B2.1-5A-224	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8	1999	AWS	21
746	B2.1-5A-225	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-5A/P-5A), 1/8 Through 1/2 in. Thick, As-Welded Condition, 1/8 Through 3/4 i	1999	AWS	23
747	B2.1-5A-226	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding (Consumable Insert Root) Followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), 1/8 Through 1/2 in. Thick,	1999	AWS	23
748	C1.4M/C1.4	Specification for Resistance Welding of Carbon and Low-Alloy Steels	1999	AWS	28
749	C3.4	Specification for Torch Brazing	1999	AWS	16
750	C3.5	Specification for Induction Brazing	1999	AWS	16
751	C3.6	Specification for Furnace Brazing	1999	AWS	17
752	C3.7	Specification for Aluminum Brazing	1999	AWS	19
753	C7.3	Process Specification for Electron Beam Welding	1999	AWS	20
754	C7.1	Recommended Practices for Electron Beam Welding	1999	AWS	64
755	D1.6	Structural Welding Code - Stainless Steel	1999	AWS	215
756	D3.6M	Specification for Underwater Welding	1999	AWS	132
757	D10.10/D.10M	Recommended Practices for Local Heating of Welds in Piping and Tubing	1999	AWS	107
758	D16.4	Specification for the Qualification of Robotic Arc Welding Personnel	1999	AWS	15
759	F1.1	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	1999	AWS	17
760	F1.2	Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes	1999	AWS	18
761	F1.3	Sampling Strategy Guide for Evaluating Contaminants in the Welding Environment	1999	AWS	23
762	D18.1	Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications	1999	AWS	19
763	D18.2	Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube	1999	AWS	2
764	DPW	Design and Planning Manual for Cost-Effective Welding	1999	AWS	132
765	D1.3	Structural Welding Code - Sheet Steel Errata	1998	AWS	74
766	D1.4	Structural Welding Code - Reinforcing Steel Errata	1998	AWS	55
767	C7.2	Recommended Practices for Laser Beam Welding, Cutting, and Drilling	1998	AWS	116
768	CC-IM	Code Clinic for Study of AWS D1.1 Structural Welding code - Steel	1998	AWS	96
769	B4.0	Standard Methods for Mechanical Testing of Welds	1998	AWS	113
770	B2.1-8-215	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, IN3XX and ER3XX, As-Welded	1998	AWS	20
771	B2.1-1-027	Standard Welding Procedure Specification (WPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1/2 Inch Thick, E71T-11, As-Welded Condition Site License	1998	AWS	18

772	A2.1-DC	Welding Symbols Chart - Desk Size (Laminated)	1998	AWS	0
773	A2.1-WC	Welding Symbols Chart - Wall Size of A2.1 (Laminated)	1998	AWS	0
774	A2.1 WC & DC	Welding Symbols Wall and Desk Charts (Laminated)	1998	AWS	0
775	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	1998	AWS	118
776	A2.4/A2.1 SET	Standard Symbols for Welding, Brazing, and Nondestructive Examination Book and Charts Set	1998	AWS	0
777	A5.12/A5.12M	Specification for Tungsten and Tungsten-Alloy Electrodes for Arc Welding and Cutting	1998	AWS	22
778	A5.29	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	1998	AWS	47
779	EWB-10	Effects of Welding on Health X	1998	AWS	101
780	FACT SHEET NO. 19	Laser Welding and Cutting Safety	1998	AWS	2
781	IFS-P	Package of Book and CD to IFS:1998	1998	AWS	0
782	IQCC	Welding Inspection & Quality Control Course 36; Lesson Number and Title; 1-14	1998	AWS	483
783	GWF	Guide for the Design of a Welder Training Facility	1998	AWS	45
784	URS	AWS Ultrasonic Rulers and Guide Set	1998	AWS	0
785	VIW-IM	Visual Inspection Workshop Instructors Manual	1998	AWS	63
786	WHB-4 PART 2	Materials and Applications - Part 2 Eighth Edition(Welding Handbook, Vol. 4)	1998	AWS	12
787	WHB-4 PART 2 CH 1	Carbon and Low-Alloy Steels(Welding Handbook, Vol. 4)	1998	AWS	73
788	WHB-4 PART 2 CH 2	High-Alloy Steels(Welding Handbook, Vol. 4)	1998	AWS	36
789	WHB-4 PART 2 CH 3	Coated Steels(Welding Handbook, Vol. 4)	1998	AWS	86
790	WHB-4 PART 2 CH 4	Tool and Die Steels(Welding Handbook, Vol. 4)	1998	AWS	35
791	WHB-4 PART 2 CH 5	Stainless and Heat-Resisting Steels(Welding Handbook, Vol. 4)	1998	AWS	100
792	WHB-4 PART 2 CH 6	Clad and Dissimilar Metals(Welding Handbook, Vol. 4)	1998	AWS	57
793	WHB-4 PART 2 CH 7	Surfacing(Welding Handbook, Vol. 4)	1998	AWS	46
794	WHB-4 PART 2 CH 8	Cast Irons(Welding Handbook, Vol. 4)	1998	AWS	50
795	WHB-4 PART 2 CH 9	Titanium and Titanium Alloys(Welding Handbook, Vol. 4)	1998	AWS	54
796	WHB-4 PART 2 CH 10	Reactive Refractory, and Precious Metals and Alloys(Welding Handbook, Vol. 4)	1998	AWS	39
797	WHB-4 PART 2 HDBK	Materials and Applications - Part 2 Eighth Edition(Welding Handbook, Vol. 4)	1998	AWS	586
798	WHB-4 PART 2 INDEX	Welding Handbook Index of Major Subjects(Welding Handbook, Vol. 4)	1998	AWS	40
799	PHB-7	NULL	1998	AWS	35
800	PHB-8	NULL	1998	AWS	32
801	PARW	NULL	1998	AWS	85
802	WIT	Welding Inspection Technology WORKBOOK	1998	AWS	82

803	RWMA BULLETIN 34	NULL	1997	AWS	15
804	VIW-M	Visual Inspection Workshop Reference Manual	1997	AWS	148
805	WQAG	Welding Quality Assurance Guideline for Fabricators	1997	AWS	0
806	FACT SHEET NO. 18	Lockout/Tagout	1997	AWS	1
807	FWSH	Design Handbook for Calculating Fillet Weld Sizes	1997	AWS	27
808	JWE	Jefferson's Welding Encyclopedia Eighteenth Edition	1997	AWS	768
809	FACT SHEET NO. 20	Thermal Spraying Safety	1997	AWS	3
810	FGW	Contents(Fumes and Gases in the Welding Environment)	1997	AWS	14
811	FACT SHEET NO. 2	Radiation	1997	AWS	3
812	FACT SHEET NO. 16	Pacemakers and Welding	1997	AWS	1
813	FACT SHEET NO. 5	Electrical Hazards	1997	AWS	2
814	A5.30	Specification for Consumable Inserts	1997	AWS	29
815	A5.32	Specification for Welding Shielding Gases	1997	AWS	26
816	A5-ALL	Filler Metal Procurement Guidelines	1997	AWS	0
817	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	1997	AWS	30
818	A5.17/A5.17M	Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding	1997	AWS	37
819	A5.23/A5.23M	Specification for Low Alloy Steel Electrodes and Fluxes for Submerged Arc Welding	1997	AWS	44
820	A5.25/A5.25M	Specification for Carbon and Low-Alloy Steel Electrodes and Fluxes for Electroslag Welding R(2003)	1997	AWS	37
821	A5.26/A5.26M	Specification for Carbon and Low-Alloy Steel Electrodes and Electrode Gas Welding R(2003)	1997	AWS	37
822	A4.2M/A4.2	Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal	1997	AWS	31
823	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	1997	AWS	41
824	B2.1-8-213	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, ER3XX-XX, As-Welded Condition (Primarily Pipe A	1997	AWS	20
825	D14.1	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	1997	AWS	141
826	D8.8	Specification for Automotive and Light Truck Components Weld Quality - Arc Welding SAE HS J1196	1997	AWS	21
827	F1.4	Methods for Analysis of Airborne Particulates Generated by Welding and Allied Processes	1997	AWS	25
828	D14.4	Specification for Welded Joints in Machinery and Equipment	1997	AWS	138
829	D14.5	Specification for Welding of Presses and Press Components	1997	AWS	157
830	D14.6	Specification for Welding of Rotating Elements of Equipment	1996	AWS	110
831	EG3.0	Guide for the Training and Qualification of Welding Personnel Level II - Advanced Welder	1996	AWS	164
832	EG4.0	Guide for the Training and Qualification of Welding Personnel Level III - Expert Welder	1996	AWS	150
833	ELW-SET	EG2.0-95 And QC10-95	1996	AWS	0
834	ELW-SET-B	EG3.0-96 and QC11-96	1996	AWS	0
835	ELW-SET-C	EG4.0-96 and QC12-96	1996	AWS	0
836	ELW-SET-D	Econo Package: EG2.0-95, EG3.0-96, EG4.0-96, QC10-95, QC11-96, QC12-96	1996	AWS	0
837	D10.8	Recommended Practices for Welding of Chromium-Molybdenum Steel Piping and Tubing	1996	AWS	19
838	D1.5-M	Bridge Welding Code AASHTO BWC-3	1996	AWS	236

839	A5.5	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding	1996	AWS	55
840	A5.28	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding	1996	AWS	43
841	B2.1-1-201	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill)	1996	AWS	13
842	B2.1-1-202	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill)	1996	AWS	13
843	B2.1-1-203	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Uphill), As-Welded Condition (Primarily Pipe)	1996	AWS	13
844	B2.1-1-204	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 3/4 Inch Thick, E6010 (Vertical Downhill) Root with the Balance Vertical Uphill	1996	AWS	13
845	B2.1-1-205	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill)	1996	AWS	15
846	B2.1-1-206	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill)	1996	AWS	14
847	B2.1-1-207	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2, As-Welded or PWHT Condition (Primarily Pipe)	1996	AWS	13
848	B2.1-1-208	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E7018, As-Welded or PWHT Condition (Primarily Pipe)	1996	AWS	12
849	B2.1-1-209	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2 and E7018,	1996	AWS	16
850	FACT SHEET NO. 17	Electric and Magnetic Fields (EMF)	1996	AWS	1
851	PHSP WC & DC	Suggested Filler Materials and Minimum Preheat Temperatures for Welding Steel Pipe with Wall Thickness Less than 3/4", Wall and Desk Charts	1996	AWS	0
852	PHSS WC & DC	Suggested Pretemperatures for Welding Structural Steel Materials Wall and Desk Charts	1996	AWS	0
853	FMS D	Suggested Filler Materials for Welding Structural Steel Desk Chart	1996	AWS	0
854	FMS W	Suggested Filler Materials for Welding Structural Steel Wall Chart	1996	AWS	0
855	FMS WC & DC	Suggested Filler Materials for Welding Structural Steel, Wall Chart and Desk Chart	1996	AWS	0
856	FORM E-1	Welding Procedure Specification (WPS)	1996	AWS	0
857	FORM E-3	WPS Qualification Test Record for Electroslag and Electrode Gas Welding	1996	AWS	0
858	FORM E-4	Welder, Welding Operator, or Tack Welder Qualification Test Record	1996	AWS	0
859	FORM E-7	Report of Radiographic Examination of Welds	1996	AWS	0
860	FORM E-8	Report of Magnetic-Particle Examination of Welds	1996	AWS	0
861	FORM E-9	Stud Welding Procedure Specification (WPS) or Procedure Qualification Record (PQR) or Welding Qualification Record (WQR)	1996	AWS	0
862	QC1	Standard for AWS Certification of Welding Inspectors	1996	AWS	18
863	TSM	Thermal Spray Manual - A Practical Reference Guide	1996	AWS	184
864	QC11	Specification for Qualification and Certification for Level II - Advanced Welders	1996	AWS	40
865	QCM12	Specification for Qualification and Certification for Level III - Expert Welders	1996	AWS	32
866	WHB-3	Materials and Applications - Part 1(Welding Handbook, Vol. 3)	1996	AWS	11
867	WHB-3 CH 1	Aluminum and Aluminum Alloys(Welding Handbook, Vol. 3)	1996	AWS	119
868	WHB-3 CH 2	Magnesium and Magnesium Alloys(Welding Handbook, Vol. 3)	1996	AWS	42
869	WHB-3 CH 3	Copper and Copper Alloys(Welding Handbook, Vol. 3)	1996	AWS	54
870	WHB-3 CH 4	Nickel and Cobalt Alloys(Welding Handbook, Vol. 3)	1996	AWS	72

871	WHB-3 CH 5	Lead and Zinc(Welding Handbook, Vol. 3)	1996	AWS	29
872	WHB-3 CH 6	Plastics(Welding Handbook, Vol. 3)	1996	AWS	33
873	WHB-3 CH 7	Composites(Welding Handbook, Vol. 3)	1996	AWS	36
874	WHB-3 CH 8	Ceramics(Welding Handbook, Vol. 3)	1996	AWS	28
875	WHB-3 CH 9	Maintenance and Repair Welding(Welding Handbook, Vol. 3)	1996	AWS	28
876	WHB-3 CH 10	Underwater Welding and Cutting(Welding Handbook, Vol. 3)	1996	AWS	56
877	WHB-3 HDBK	Materials and Applications - Part 1(Welding Handbook, Vol. 3)	1996	AWS	533
878	WHB-3 INDEX	Index(Welding Handbook, Vol. 3)	1996	AWS	25
879	RWMA BULLETIN 14	NULL	1996	AWS	30
880	RWMA BULLETIN 16	NULL	1996	AWS	157
881	QC12	NULL	1996	AWS	34
882	WHB-3.8	NULL	1996	AWS	533
883	QC10	Specification for Qualification and Certification for Entry Level Welders	1995	AWS	26
884	UGFM	AWS User's Guide to Filler Metals	1995	AWS	127
885	WJT-G	Joint - Weld Terminology and Standard Welding Symbols Interpretation	1995	AWS	0
886	PRG	The Practical Reference Guide for Radiographic Inspection - Acceptance Criteria	1995	AWS	35
887	FACT SHEET NO. 3	Noise	1995	AWS	2
888	FACT SHEET NO. 4	Chromium and Nickel in Welding Fume	1995	AWS	2
889	FACT SHEET NO. 1	Fumes and Gases	1995	AWS	2
890	FACT SHEET NO. 6	Fire and Explosion Prevention	1995	AWS	2
891	FACT SHEET NO. 7	Burn Protection	1995	AWS	2
892	FACT SHEET NO. 8	Mechanical Hazards	1995	AWS	2
893	FACT SHEET NO. 9	Tripping and Falling	1995	AWS	2
894	FACT SHEET NO. 10	Falling Objects	1995	AWS	1
895	FACT SHEET NO. 11	Confined Spaces	1995	AWS	2
896	FACT SHEET NO. 12	Contact Lens Wear	1995	AWS	2
897	FACT SHEET NO. 13	Ergonomics in the Welding Environment	1995	AWS	2
898	FACT SHEET NO. 14	Graphic Symbols for Precautionary Labels	1995	AWS	3
899	FACT SHEET NO. 15	Style Guidelines for Safety and Health Documents	1995	AWS	3
900	EWB-9	Effects of Welding on Health IX	1995	AWS	72
901	A5.20	Specification for Carbon Steel Electrodes for Flux Cored Arc Welding	1995	AWS	41

902	A5.22	Specification for Stainless Steel Electrodes for Flux Cored Arc Welding and Stainless Steel Flux Cored Rods for Gas Tungsten Arc Welding	1995	AWS	45
903	AWR	Arc Welding with Robots: Do's and Don'ts	1995	AWS	0
904	D10.13	Recommended Practices for the Brazing of Copper Pipe and Tubing for Medical Gas Systems	1995	AWS	15
905	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	1995	AWS	131
906	D15.2	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles	1994	AWS	38
907	D16.2	Standard for Components of Robotic and Automatic Welding Installations	1994	AWS	16
908	C5.10	Recommended Practices for Shielding Gases for Welding and Plasma Arc Cutting	1994	AWS	54
909	B2.1-1-016	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E7018, As-Welded or PWHT Condition Site License	1994	AWS	18
910	B2.1-1-017	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010, As-Welded or PWHT Condition Site License	1994	AWS	18
911	B2.1-1-018	Standard Welding Procedure Specification (WPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E71T-8, As-Welded Condition Site License	1994	AWS	18
912	B2.1-1-019	Standard Welding Procedure Specification (WPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E70T-1 and E71T-1, As-Welded Condition Site Lic	1994	AWS	18
913	B2.1-1-020	Standard Welding Procedure Specification (WPS) for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E70T-1 and E71T-1, As-Welded or PWHT	1994	AWS	18
914	B2.1-1-021	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, ER70S-2 and E7018,	1994	AWS	18
915	B2.1-1-022	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Uphill) Followed by E7018, As-Welded or	1994	AWS	18
916	B2.1-1-026	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 Through 1-1/2 Inch Thick, E6010 (Vertical Downhill) Followed by E7018, As-Welded o	1994	AWS	18
917	B2.1-8-023	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 Through 1-1/2 Inch Thick, As-Welded Condition Site License	1994	AWS	18
918	EWB-8	Effects of Welding on Health VIII	1994	AWS	57
919	PHB-1	Everyday Pocket Handbook for Arc Welding Steel	1994	AWS	0
920	WM 1.4	Welding Metallurgy Volume I, Fundamentals Fourth Edition; Volume 1	1994	AWS	966
921	RWMA BULLETIN 5	NULL	1994	AWS	67
922	QC7 SUPP C	NULL	1993	AWS	40
923	QC7 SUPP F	NULL	1993	AWS	24
924	QC7 SUPP G	NULL	1993	AWS	12
925	QC7 Supplement F	Supplement Fù Chemical Plant and Petroleum Refinery Piping	1993	AWS	24
926	QC7 Supplement G	Supplement Gù AWS Performance Qualification Test	1993	AWS	12
927	QC7	Standard for AWS Certified Welders	1993	AWS	12
928	QC2	Recommended Practice for the Training, Qualification and Certification of Welding Inspector Specialist and Welding Inspector Assistant	1993	AWS	15
929	A5.9	Specification for Bare Stainless Steel Welding Electrodes and Rods	1993	AWS	33
930	A4.3	Standard Methods for Determination of the Diffusible Hydrogen Content of Martensitic, Bainitic, and Ferritic Steel Weld Metal Produced by Arc Welding	1993	AWS	27
931	A5.01	Filler Metal Procurement Guidelines R(1999)	1993	AWS	19
932	A2.4-SP	Standard Symbols for Welding, Brazing and Nondestructive Examination Spanish	1993	AWS	120

933	D3.5	Guide for Steel Hull Welding R(2000)	1993	AWS	117
934	D14.2	Specification for Metal Cutting Machine Tool Weldments	1993	AWS	40
935	C5.4	Recommended Practices for Stud Welding	1993	AWS	52
936	C2.18	Guide for the Protection of Steel with Thermal Sprayed Coatings of Aluminum and Zinc and Their Alloys and Composites	1993	AWS	40
937	BRS	Braze Safety	1992	AWS	0
938	A5.4	Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding Supersedes SAE AMS 5777 R(2000)	1992	AWS	39
939	A5.2	Specification for Carbon and Low Alloy Steel Rods for Oxyfuel Gas Welding	1992	AWS	21
940	A5.8	Specification for Filler Metals for Brazing and Braze Welding	1992	AWS	33
941	A5.19	Specification for Magnesium Alloy Welding Electrodes and Rods R(1997)	1992	AWS	26
942	A5.31	Specification for Fluxes for Brazing and Braze Welding R(2003)	1992	AWS	23
943	A9.1	Standard Guide for Describing Arc Welds in Computerized Material Property and Nondestructive Examination Databases	1992	AWS	15
944	A9.2	Standard Guide for Recording Arc Weld Material Property and Nondestructive Examination Data in Computerized Databases	1992	AWS	13
945	QC5G	Guide to AWS Welding Educator Qualification and Certification	1992	AWS	30
946	FSW	Fire Safety in Welding and Cutting	1992	AWS	0
947	QC5	Standard for Certification of Welding Educators	1991	AWS	10
948	WHB-2	Welding Handbook Volume 2 Eighth Edition(Welding Handbook, Vol. 2)	1991	AWS	17
949	WHB-2 CH 1	Arc Welding Power Sources(Welding Handbook, Vol. 2)	1991	AWS	42
950	WHB-2 CH 2	Shielded Metal Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	29
951	WHB-2 CH 3	Gas Tungsten Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	35
952	WHB-2 CH 4	Gas Metal Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	47
953	WHB-2 CH 5	Flux Cored Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	34
954	WHB-2 CH 6	Submerged Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	42
955	WHB-2 CH 7	Electrogas Welding(Welding Handbook, Vol. 2)	1991	AWS	37
956	WHB-2 CH 8	Electroslag Welding(Welding Handbook, Vol. 2)	1991	AWS	28
957	WHB-2 CH 9	Stud Welding(Welding Handbook, Vol. 2)	1991	AWS	29
958	WHB-2 CH 10	Plasma Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	22
959	WHB-2 CH 11	Oxyfuel Gas Welding(Welding Handbook, Vol. 2)	1991	AWS	27
960	WHB-2 CH 12	Brazing(Welding Handbook, Vol. 2)	1991	AWS	44
961	WHB-2 CH 13	Soldering(Welding Handbook, Vol. 2)	1991	AWS	25
962	WHB-2 CH 14	Oxygen Cutting(Welding Handbook, Vol. 2)	1991	AWS	32
963	WHB-2 CH 15	Arc Cutting and Gouging	1991	AWS	20
964	WHB-2 CH 16	Laser Beam and Water Jet Cutting	1991	AWS	29
965	WHB-2 CH 17	Spot, Seam, and Projection Welding	1991	AWS	49
966	WHB-2 CH 18	Flash, Upset, and Percussion Welding	1991	AWS	29
967	WHB-2 CH 19	Resistance Welding Equipment	1991	AWS	40
968	WHB-2 CH 20	High-Frequency Welding	1991	AWS	19
969	WHB-2 CH 21	Electron Beam Welding	1991	AWS	41
970	WHB-2 CH 22	Laser Beam Welding	1991	AWS	26
971	WHB-2 CH 23	Friction Welding	1991	AWS	25
972	WHB-2 CH 24	Explosion Welding	1991	AWS	17
973	WHB-2 CH 25	Ultrasonic Welding	1991	AWS	30

974	WHB-2 CH 26	Diffusion Welding and Brazing	1991	AWS	25
975	WHB-2 CH 27	Adhesive Bonding of Metals	1991	AWS	24
976	WHB-2 CH 28	Thermal Spraying	1991	AWS	27
977	WHB-2 CH 29	Other Welding Processes	1991	AWS	32
978	A5.1	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding	1991	AWS	57
979	B2.1-1-012	(Withdrawn)Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel, (M-1, Group 1), 10 Through 18 Gauge, in the As-Welded Condition, with or Without Backing Site License	1991	AWS	0
980	B2.1-1-013	(Withdrawn)Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Austenitic Steel, (M-8/P-8), 10 Through 18 Gauge, in the As-Welded Condition, with or Without Backing Site License	1991	AWS	0
981	B2.1-1-014	(Withdrawn)Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel, (M-1 to M-8), 10 Through 18 Gauge, in the As-Welded Condition, with or Wi	1991	AWS	0
982	B2.1-1-015	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Aluminum, (M-22 to P-22), 10 Through 18 Gauge, in the As-Welded Condition, with or Without Backing Site License	1991	AWS	0
983	BRH	Brazing Handbook 1991 Fourth Edition	1991	AWS	495
984	BRH APP A	Definitions of Terms Fourth Editioin(Brazing Handbook)	1991	AWS	7
985	BRH APP B	Properties of Brazeable Metals and Alloys Fourth Edition	1991	AWS	17
986	BRH APP C	Thermal Expansion Data Fourth Edition	1991	AWS	13
987	BRH CH 1	Fundamentals Fourth Edition(Brazing Handbook)	1991	AWS	8
988	BRH CH 2	Brazement Design and Drafting Room Practice Fourth Edition(Brazing Handbook)	1991	AWS	34
989	BRH CH 3	Brazing Filler Metals Fourth Edition(Brazing Handbook)	1991	AWS	24
990	BRH CH 4	Fluxes and Atmospheres Fourth Edition(Brazing Handbook)	1991	AWS	18
991	BRH CH 5	Corrosion Resistance of Brazed Joints Fourth Edition(Brazing Handbook)	1991	AWS	13
992	BRH CH 6	Safety and Health Fourth Edition(Brazing Handbook)	1991	AWS	24
993	BRH CH 7	Precleaning and Surface Preparation Fourth Edition(Brazing Handbook)	1991	AWS	4
994	BRH CH 8	Assembly and Fixturing Fourth Editiion(Brazing Handbook)	1991	AWS	6
995	BRH CH 9	Torch Brazing Fourth Edition(Brazing Handbook)	1991	AWS	23
996	BRH CH 10	Furnace Brazing Fourth Edition(Brazing Handbook)	1991	AWS	43
997	BRH CH 11	Induction Brazing Fourth Edition(Brazing Handbook)	1991	AWS	22
998	BRH CH 12	Dip Brazing Fourth Edition(Brazing Handbook)	1991	AWS	11
999	BRH CH 13	Resistance Brazing Fourth Edition(Brazing Handbook)	1991	AWS	7
1000	BRH CH 14	Braze Welding Fourth Edition(Brazing Handbook)	1991	AWS	9
1001	BRH CH 15	Other Processes Fourth Edition(Brazing Handbook)	1991	AWS	5
1002	BRH CH 16	Inspection of Brazed Joints Fourth Edition(Brazing Handbook)	1991	AWS	8
1003	BRH CH 17	Codes and Other Standards Fourth Edition(Brazing Handbook)	1991	AWS	12
1004	BRH CH 18	Copper and Copper Alloys Fourth Edition(Brazing Handbook)	1991	AWS	18
1005	BRH CH 19	Precious Metals(Brazing Handbook)	1991	AWS	6
1006	BRH CH 20	Low Carbon, Low Alloy, and Tool Steels Fourth Edition(Brazing Handbook)	1991	AWS	7
1007	BRH CH 21	Brazing of Cast Iron Fourth Edition(Brazing Handbook)	1991	AWS	7
1008	BRH CH 22	Pipe and Tube Fourth Edition(Brazing Handbook)	1991	AWS	10
1009	BRH CH 23	Nickel Base and Cobalt-Containing Alloys Fourth Edition(Brazing Handbook)	1991	AWS	5
1010	BRH CH 24	Stainless Steels Fourth Edition(Brazing Handbook)	1991	AWS	7
1011	BRH CH 25	Aluminum and Aluminum Alloys Fourth Edition(Brazing Handbook)	1991	AWS	8

1012	BRH CH 26	Magnesium and Magnesium Alloys Fourth Edition(Brazing Handbook)	1991	AWS	8
1013	BRH CH 27	Titanium, Zirconium, and Beryllium Fourth Edition(Brazing Handbook)	1991	AWS	21
1014	BRH CH 28	Refractory Metals - Niobium, Molybdenum, Tantalum, and Tungsten Fourth Edition(Brazing Handbook)	1991	AWS	16
1015	BRH CH 29	Electron Tube and Vacuum Equipment Brazing Fourth Edition(Brazing Handbook)	1991	AWS	8
1016	BRH CH 30	Carbide Tools Fourth Edition	1991	AWS	6
1017	BRH CH 31	Ceramic Brazing Fourth Edition	1991	AWS	12
1018	BRH CH 32	Carbon and Graphite Fourth Edition	1991	AWS	6
1019	BRH CH 33	Honeycomb Structure Brazing Fourth Edition	1991	AWS	11
1020	BRH INDEX	Index Fourth Edition(Brazing Handbook)	1991	AWS	13
1021	BRH INTRO	Brazing Handbook 1991 Fourth Edition	1991	AWS	18
1022	B2.1-1-011	(Withdrawn)Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Galvanized Steel, 10 Through 18 Gauge, in the As-Welded Condition, with or Without Backing Site License	1991	AWS	0
1023	B2.2	Standard for Brazing Procedure and Performance Qualification	1991	AWS	54
1024	B2.1.002	Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 Through 7/8 Inch, in the As-Welded Condition, with or without Backing Site License	1990	AWS	12
1025	C3.8	Recommended Practices for Ultrasonic Inspection of Brazed Joints R(1998)	1990	AWS	10
1026	D3.7	Guide for Aluminum Hull Welding	1990	AWS	75
1027	A5.15	Specification for Welding Electrodes and Rods for Cast Iron	1990	AWS	30
1028	A5.16	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods R(1997)	1990	AWS	21
1029	A5.24	Specification for Zirconium and Zirconium Alloy Welding Electrodes and Rods R(1997)	1990	AWS	18
1030	B2.1.001	Standard Welding Procedure Specification (WPS) for Shielded Metal Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 Through 3/4 Inch, in the As-Welded Condition, with Backing Site License	1990	AWS	10
1031	B2.1-1-008	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1, Group 1), 10 Through 18 Gage, in the As-Welded Condition, with or Without Backing Site License	1990	AWS	0
1032	B2.1-1-005	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Metal Arc Welding of Austenitic Stainless Steel (M-8 or P-8), 10 Through 18 Gage, in the As-Welded Condition, with or without Backing Site Lice	1990	AWS	0
1033	B2.1-1-006	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8 or P-8), 10 Through 18 Gage, in the As-Welded Condition, with or wi	1990	AWS	0
1034	B2.1-1-007	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Galvanized Steel, 10 Through 18 Gage, in the As-Welded Condition, with or Without Backing Site License	1990	AWS	0
1035	B2.1-1-009	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8 or P-8), 10 Through 18 Gage, in the As-Welded Condition, with or Without Backing Site L	1990	AWS	0
1036	B2.1-1-010	(Withdrawn)Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8 or P-8), 10 Through 18 Gauge, in the As-Welded Condition, with o	1990	AWS	0
1037	WHB-2 HDBK	Welding Handbook Volume 2 Eighth Edition(Welding Handbook, Vol. 2)	1990	AWS	955
1038	WHB-2 INDEX	Index(Welding Handbook, Vol. 2)	1990	AWS	32
1039	OWS	Oxyfuel Gas Welding, Cutting and Heating Safety	1990	AWS	0
1040	EWB-7	Effects of Welding on Health VII	1990	AWS	65
1041	B2.1-1-001	NULL	1990	AWS	13
1042	B2.1-1-002	Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 3/16 through 7/8 inch, in the As-Welded Condition, With or Without Backing	1990	AWS	15
1043	EWB-6	Effects of Welding on Health VI	1989	AWS	62
1044	F3.1	Guide for Welding Fume Control	1989	AWS	26
1045	QC4	Standard for Accreditation of Test Facilities for AWS Certified Welder Program	1989	AWS	12

1046	C6.1	Recommended Practices for Friction Welding R(1998)	1989	AWS	36
1047	D11.2	Guide for Welding Iron Castings	1989	AWS	132
1048	C5.6	Recommended Practices for Gas Metal Arc Welding R(1994)	1989	AWS	75
1049	D8.7	Recommended Practices for Automotive Weld Quality-Resistance Spot Welding (SAE J 1188) R(1994)	1988	AWS	13
1050	AWS-S	Arc Welding Safety (Seguridad en la Soldadura por Arco) in Spanish	1988	AWS	0
1051	SP	Safe Practices Reprint of WHB-1 CH 16	1988	AWS	41
1052	HOT	Hands-On Training use of Measuring Tools for the AWS Certified Welding Inspector Hands-On Examination	1987	AWS	33
1053	HST	Hands-On, Self-Training	1987	AWS	0
1054	D10.11	Recommended Practices for Root Pass Welding of Pipe without Backing R(1992)	1987	AWS	20
1055	EWB-5	Effects of Welding on Health V	1987	AWS	51
1056	D10.4	Recommended Practices for Welding Austenitic Chromium-Nickel Stainless Steel Piping and Tubing R(2000)	1986	AWS	43
1057	UEAW	Handbook on the Ultrasonic Examination of Austenitic Welds	1986	AWS	46
1058	WCI	Welding of Cast Iron - a Selection of Papers	1985	AWS	365
1059	TSS	Thermal Spraying - Practice, Theory, and Application	1985	AWS	198
1060	WHB-5	Engineering, Costs, Quality, and Safety(Welding Handbook, Vol. 5)	1984	AWS	10
1061	WHB-5 CH 1	Design for Welding(Welding Handbook, Vol. 5)	1984	AWS	91
1062	WHB-5 CH 2	Symbols for Welding, Brazing, and Nondestructive Examination(Welding Handbook, Vol. 5)	1984	AWS	27
1063	WHB-5 CH 3	Economics and Cost Estimating(Welding Handbook, Vol. 5)	1984	AWS	28
1064	WHB-5 CH 4	Fixtures and Positioners(Welding Handbook, Vol. 5)	1984	AWS	27
1065	WHB-5 CH 5	Automation and Control(Welding Handbook, Vol. 5)	1984	AWS	37
1066	WHB-5 CH 6	Codes and Standards(Welding Handbook, Vol. 5)	1984	AWS	30
1067	WHB-5 CH 7	Qualification and Certification(Welding Handbook, Vol. 5)	1984	AWS	30
1068	WHB-5 CH 8	Weld Quality(Welding Handbook, Vol. 5)	1984	AWS	42
1069	WHB-5 CH 9	Inspection(Welding Handbook, Vol. 5)	1984	AWS	61
1070	WHB-5 CH 10	Safe Practices(Welding Handbook, Vol. 5)	1984	AWS	37
1071	WHB-5 HDBK	Engineering, Costs, Quality, and Safety(Welding Handbook, Vol. 5)	1984	AWS	448
1072	WHB-5 INDEX	Index(Welding Handbook, Vol. 5)	1984	AWS	28
1073	WHB-ALL	Welding Handbook Set Includes Volumes 1 through 4	1984	AWS	0
1074	A5.6	Specification for Covered Copper and Copper Alloy Arc Welding Electrodes R(2000)	1984	AWS	24
1075	A5.7	Specification for Copper and Copper Alloy Bare Welding Rods and Electrodes R(1991)	1984	AWS	17
1076	CAWF	Characterization of Arc Welding Fume	1983	AWS	61
1077	EWB-3	Effects of Welding on Health III	1983	AWS	38
1078	EWB-4	Effects of Welding on Health IV	1983	AWS	52
1079	C4.3	Operators Manual for Oxyfuel Gas Heating Torch Operation	1983	AWS	16
1080	LVOS	Laboratory Validation of Ozone Sampling with Spill-Proof Impingers	1983	AWS	47
1081	WHB-4	Metals and Their Weldability(Welding Handbook, Vol. 4)	1982	AWS	10
1082	WHB-4 CH 1	Carbon and Low Alloy Steels(Welding Handbook, Vol. 4)	1982	AWS	74
1083	WHB-4 CH 2	Stainless Steels(Welding Handbook, Vol. 4)	1982	AWS	72
1084	WHB-4 CH 3	Tool and Die Steels(Welding Handbook, Vol. 4)	1982	AWS	22
1085	WHB-4 CH 4	High Alloy Steels(Welding Handbook, Vol. 4)	1982	AWS	41
1086	WHB-4 CH 5	Cast Irons(Welding Handbook, Vol. 4)	1982	AWS	19

1087	WHB-4 CH 6	Nickel and Cobalt Alloys(Welding Handbook, Vol. 4)	1982	AWS	38
1088	WHB-4 CH 7	Copper Alloys(Welding Handbook, Vol. 4)	1982	AWS	45
1089	WHB-4 CH 8	Aluminum Alloys(Welding Handbook, Vol. 4)	1982	AWS	74
1090	WHB-4 CH 9	Magnesium Alloys(Welding Handbook, Vol. 4)	1982	AWS	44
1091	WHB-4 CH 10	Titanium, Zirconium, Hafnium, Tantalum, and Columbium(Welding Handbook, Vol. 4)	1982	AWS	55
1092	WHB-4 CH 11	Other Metals(Welding Handbook, Vol. 4)	1982	AWS	23
1093	WHB-4 CH 12	Dissimilar Metals(Welding Handbook, Vol. 4)	1982	AWS	35
1094	WHB-4 HDBK	Metals and Their Weldability(Welding Handbook, Vol. 4)	1982	AWS	586
1095	WHB-4 INDEX	Index(Welding Handbook, Vol. 4)	1982	AWS	34
1096	WFDP	Welding Fume Control, a Demonstration Project 1982	1982	AWS	72
1097	EWB-2	Effects of Welding on Health II	1981	AWS	63
1098	C5.5	Recommended Practices for Gas Tungsten Arc Welding R(1994)	1980	AWS	46
1099	OPP	Underwater Welding of Offshore Platforms and Pipelines	1980	AWS	188
1100	FGW APP C	Tables C1 to C4 Summary of Original Data, Part III(Fumes and Gases in the Welding Environment)	1979	AWS	5
1101	FGW APP D	Tables D1 and D2 Laboratory Data Sheets for Part IV(Fumes and Gases in the Welding Environment)	1979	AWS	3
1102	FGW APP A	Table A1 Electrodes Used in Part III(Fumes and Gases in the Welding Environment)	1979	AWS	5
1103	FGW APP B	Tables B1 to B43 (Tubular Data on Fume Generation Characteristics of Electrodes Used in Part II)(Fumes and Gases in the Welding Environment)	1979	AWS	45
1104	FGW APP E	Tables E1 to E6 Laboratory Data Sheets for Part V(Fumes and Gases in the Welding Environment)	1979	AWS	15
1105	FGW PT 1	Ventilation Studies(Fumes and Gases in the Welding Environment)	1979	AWS	55
1106	FGW PT 2	Arc Welding Fumes and Gases(Fumes and Gases in the Welding Environment)	1979	AWS	52
1107	FGW PT 3	Brazing Fumes and Gases(Fumes and Gases in the Welding Environment)	1979	AWS	16
1108	FGW PT 4	Thermal Spraying Fumes and Gases(Fumes and Gases in the Welding Environment)	1979	AWS	6
1109	FGW PT 5	Fumes and Gases from Oxygen Cutting(Fumes and Gases in the Welding Environment)	1979	AWS	17
1110	EWB-1	Effects of Welding on Health I	1979	AWS	146
1111	EWB-I	Effects of Welding on Health, Volume 1 through 11 Book Index	1979	AWS	0
1112	AWS FUMES AND GASES	Contents(Fumes and Gases in the Welding Environment)	1979	AWS	248
1113	AWN	Arc Welding and Cutting Noise	1979	AWS	45
1114	F6.1	Method for Sound Level Measurement of Manual Arc Welding and Cutting Processes R(1989)	1978	AWS	12
1115	F2.1	Recommended Safe Practice for Electron Beam Welding and Cutting	1978	AWS	14
1116	C4.1	Criteria for Describing Oxygen-Cut Surfaces	1977	AWS	5
1117	C4.1 SET	Oxygen Cutting Surface Roughness Gauge and Chart for Criteria Describing Oxygen Cut Surfaces	1977	AWS	0
1118	C4.1-WC	Criteria for Describing Oxygen-Cut Surface (8 1/2" x 11" 5 PG Chart)	1977	AWS	0
1119	ULR	NULL	1976	AWS	121
1120	D12.1	(Cancelled)Reinforcing Steel Welding Code Best Copy Available; Superseded by AWS D1.4	1975	AWS	0
1121	C2.14	Corrosion Tests of Flame-Sprayed Coated Steel 19-Year Report	1974	AWS	34
1122	C5.1	Recommended Practices for Plasma-Arc Welding	1973	AWS	76
1123	WZC	Welding Zinc-Coated Steel First Edition	1972	AWS	148
1124	C1.3	Recommended Practices for Resistance Welding Coated Low Carbon Steels R(1987)	1970	AWS	18
1125	C2.2	Recommended Practices for Metallizing with Aluminium and Zinc for Protection of Iron and Steel	1967	AWS	17
1126	D1.0	Welding in Building Construction Eighth Edition; Supplement 2: September 1968	1966	AWS	107

1127	C2.8	(Cancelled)Corrosion Tests of Metallized Coated Steel 6-Year Report Best Copy Available	1962	AWS	0
1128	C1.2	Recommended Practices for Spot Welding Aluminium and Aluminium Alloys	1953	AWS	40
1129	D10.10 D10.10M_1999 (R 200	NULL	0	AWS	120
1130	C4.6M_2006(R 2012)	NULL	0	AWS	52

Hercules Ebooks Institute

www.herculesebooks.com info@herculesebooks.com +989141908737