

Standards Manager Web Standards List
AWS-American Welding Society

Id	Number	Title	Year	Organization	Page
1	A3.0M/A3.0	Standard Welding Terms and Definitions - Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying	2020	AWS	
2	D1.1/D1.1M	Structural Welding Code	2020	AWS	
3	J1.3/J1.3M	Guide to Installation and Maintenance of Resistance Welding Machines	2020	AWS	
4	D3.9/D3.9M	Specification for Classification of Weld-Through Paint Primers	2019	AWS	
5	D14.3/D14.3M	Specification for Welding Earthmoving and Construction Equipment	2019	AWS	
6	D15.1/D15.1M	Railroad Welding Specification for Cars and Locomotives	2019	AWS	
7	D20.1/D20.1M	Specification for Fabrication of Metal Components using Additive Manufacturing	2019	AWS	
8	G2.3M/G2.3	Guide for the Joining of Solid Solution Austenitic Stainless Steels	2019	AWS	
9	C1.1M/C1.1	Recommended Practices for Resistance Welding	2019	AWS	
10	C1.5	Specification for the Qualification of Resistance Welding Technicians	2019	AWS	
11	C3.2M/C3.2	Standard Method for Evaluating the Strength of Brazed Joints	2019	AWS	
12	D1.5M/D1.5	Bridge Welding Code - 7th Edition; Interim Revision	2019	AWS	0
13	A5.01M/A5.01	Welding Consumables Procurement of Filler Metals and Fluxes	2019	AWS	
14	A5.8M/A5.8	Specification for Filler Metals for Brazing and Braze Welding	2019	AWS	
15	A5.17/A5.17M	Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding	2019	AWS	
16	A5.34/A5.34M	Specification for Nickel-Alloy Electrodes for Flux Cored ArcWelding	2019	AWS	
17	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	
18	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	
19	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	
20	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	
21	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	
22	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	
23	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	
24	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	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	
26	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications - 3rd Edition	2019	AWS	0
27	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	0
28	F3.2	Ventilation Guide for Weld Fume - 2nd Edition	2018	AWS	0

29	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	0
30	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	0
31	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	0
32	D1.5M/D1.5	Bridge Welding Code - 7th Edition; Interim Revision	2018	AWS	0
33	D16.6M/D16.6	Specification for Robot Arc Welding Training and Testing Cell - 1st Edition	2018	AWS	0
34	A5.2/A5.2M	Specification for Carbon and Low-Alloy Steel Rods for Oxyfuel Gas Welding - 9th Edition	2018	AWS	0
35	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	0
36	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	2018	AWS	0
37	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	2018	AWS	0
38	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	0
39	B2.1-1-304		2018	AWS	0
40	B2.1-1-304		2018	AWS	0
41	B5.2	Specification for the Qualification of Welding Inspector Specialists and Welding Inspector Assistants	2018	AWS	0
42	C4.3/C4.3M	Recommended Practices for Safe Oxyfuel Gas Heating Torch Operation - Third Edition	2018	AWS	0
43	D1.3/D1.3M	NULL	2018	AWS	0
44	D9.1M/D9.1	Sheet Metal Welding Code	2018	AWS	0
45	D10.18M/D10.18	Guide for Welding Ferritic/Austenitic Duplex Stainless Steel Piping and Tubing	2018	AWS	0
46	F1.1M	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	2018	AWS	0
47	F3.2M/F3.2	Ventilation Guide for Weld Fume	2018	AWS	0
48	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	0
49	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	0
50	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	0
51	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	0
52	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	0
53	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	0

54	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	0
55	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	0
56	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	
57	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	
58	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	
59	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	
60	B2.3/B2.3M	Specification for Soldering Procedure and Performance Qualification - 3rd Edition	2018	AWS	0
61	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	0
62	D1.4/D1.4M	Structural Welding Code - Steel Reinforcing Bars - 8th Edition	2018	AWS	0
63	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	0
64	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	0
65	D16.1M/D16.1	Specification for Robotic Arc Welding Safety - 2nd Edition	2018	AWS	0
66	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, Primaril	2018	AWS	0
67	QC10	Specification for Qualification and Certification for Entry Level Welders	2017	AWS	0
68	C3.12M/C3.12		2017	AWS	0
69	C4.2/C4.2M	Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation	2017	AWS	0
70	C7.4/C7.4M	Process Specification and Operator Qualification for Laser Beam Welding	2017	AWS	0
71	C7.6/C7.6M		2017	AWS	0
72	D1.6/D1.6M	Structural Welding Code - Stainless Steel	2017	AWS	0
73	D3.6M	Specification for Underwater Welding	2017	AWS	0
74	D8.2M		2017	AWS	0
75	D8.14M	Specification for Automotive Weld Quality Arc Welding of Aluminum	2017	AWS	0
76	D14.1/D14.1M AMD 1	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	2017	AWS	0
77	D16.3M/D16.3	Risk Assessment Guide for Robotic Arc Welding	2017	AWS	0
78	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2017	AWS	0
79	EG2.0 SUPPLEMENT	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2017	AWS	0

80	F1.6	Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting	2017	AWS	0
81	F4.1	Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping	2017	AWS	0
82	A5.9/A5.9M	Specification for Bare Stainless Steel Welding Electrodes and Rods	2017	AWS	0
83	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	2017	AWS	0
84	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2017	AWS	0
85	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2017	AWS	0
86	C1.4M/C1.4	Specification for Resistance Welding of Carbon and Low-Alloy Steels	2017	AWS	0
87	C2.16/C2.16M	Guide for Thermal-Spray Operator Qualification	2017	AWS	0
88	C2.20/C2.20M	Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete	2016	AWS	0
89	C3.5MC3.5 AMD 1	NULL	2016	AWS	0
90	G1.10M	Guide for The Evaluation of Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic Welds	2016	AWS	0
91	A1.1	Metric Practice Guide for the Welding Industry	2016	AWS	0
92	B2.1-8-308		2016	AWS	0
93	B2.1-8-318		2016	AWS	0
94	C3.4	Specification for Torch Brazing	2016	AWS	0
95	C3.5	Specification for Induction Brazing	2016	AWS	0
96	C3.6	Specification for Furnace Brazing	2016	AWS	0
97	C7.3	Process Specification for Electron Beam Welding	2016	AWS	0
98	D17.3	Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications	2016	AWS	0
99	QC47		2016	AWS	0
100	A5.36A5.36M	NULL	2016	AWS	0
101	B1.10MB1.10	NULL	2016	AWS	0
102	B2.2-B2.2M	NULL	2016	AWS	0
103	B4.0	Standard Methods for Mechanical Testing of Welds	2016	AWS	0
104	C3.4MC3.4	NULL	2016	AWS	0
105	C3.5MC3.5	NULL	2016	AWS	0
106	C3.6MC3.6	NULL	2016	AWS	0
107	D1.1D1.1M ERTA 2	NULL	2016	AWS	0
108	D1.8D1.8M	NULL	2016	AWS	0
109	D17.3D17.3M	NULL	2016	AWS	0
110	J1.2MJ1.2	NULL	2016	AWS	0
111	QC1	Standard for AWS Certification of Welding Inspectors	2016	AWS	0
112	NAVSEA B2.1-1-302	NULL	2015	AWS	0
113	NAVSEA B2.1-1-312	NULL	2015	AWS	0
114	D16.4MD16.4	NULL	2015	AWS	0
115	D18.3D18.3M	NULL	2015	AWS	0
116	D1.9D1.9M	NULL	2015	AWS	0
117	D1.5MD1.5	NULL	2015	AWS	0

118	D1.1 CCRM	CODE CLINIC For Study of AWS D1.1/D1.1M: 2010 Structural Welding Code-Steel	2015	AWS	0
119	BUNDLE A	NULL	2015	AWS	0
120	BUNDLE B	NULL	2015	AWS	0
121	BUNDLE C	NULL	2015	AWS	0
122	C1.5	NULL	2015	AWS	0
123	C2.21MC2.21	NULL	2015	AWS	0
124	A5.35A5.35M	NULL	2015	AWS	0
125	B2.1-18-231	NULL	2015	AWS	0
126	B2.1B2.1M AMD1	NULL	2015	AWS	0
127	B2.1B2.1M ERTA 1	NULL	2015	AWS	0
128	B1.11M/B1.11	Guide for the Visual Examination of Welds	2015	AWS	0
129	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	0
130	D1.1/D1.1M	Structural Welding Code - Steel - 23rd Edition	2015	AWS	0
131	WHB-5.9	Welding Handbook Volume 5 - ALUMINUM AND ALUMINUM ALLOYS, Part 2	2015	AWS	0
132	WI	Welding Inspection Handbook - Fourth Edition	2015	AWS	0
133	A5.24/A5.24M	Zirconium and Zirconium Alloy Welding Electrodes and Rods	2014	AWS	0
134	D8.8M	Specification for Automotive Weld Quality - Arc Welding of Steel	2014	AWS	0
135	B2.1B2.1M- BMG	NULL	2014	AWS	0
136	A5.5/A5.5M	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding - 10th Edition	2014	AWS	0
137	B2.1/B2.1M	Specification for Welding Procedure and Performance Qualification - Sixth Edition	2014	AWS	0
138	B5.17	Specification for the Qualification of Welding Fabricators - Fourth Edition	2014	AWS	0
139	D1.2/D1.2M ERTA	Structural Welding Code-Aluminum - 6th Edition	2014	AWS	0
140	D1.2/D1.2M	Structural Welding Code-Aluminum - 6th Edition	2014	AWS	0
141	G2.4/G2.4M	Guide for the Fusion Welding of Titanium and Titanium Alloys	2014	AWS	0
142	J1.1M/J1.1	Specification for Resistance Welding Controls	2013	AWS	0
143	F1.2	Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes - 6th Edition	2013	AWS	0
144	C7.1M/C7.1	Recommended Practices for Electron Beam Welding and Allied Processes	2013	AWS	0
145	D14.9/D14.9M	Specification for the Welding of Hydraulic Cylinders - First Edition	2013	AWS	0
146	D15.2/D15.2M	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles - 3rd Edition	2013	AWS	0
147	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications. - 2nd Edition	2013	AWS	0
148	D8.1M	Specification for Automotive Weld Quality-Resistance Spot Welding of Steel - 2nd Edition	2013	AWS	0
149	C2.19/C2.19M	Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair - 1st Edition	2013	AWS	0
150	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	0
151	B5.1	Specification for the Qualification of Welding Inspectors - 2nd Edition	2013	AWS	0
152	A5.34/A5.34M	Specification for Nickel-Alloy Electrodes for Flux Cored ArcWelding - 2nd Edition	2013	AWS	0
153	A9.5	Guide for Verification and Validation in Computation Weld Mechanics - 1st Edition	2013	AWS	0

154	A5.01M/A5.01	Welding Consumablesâ Procurement of Filler Metals and Fluxes - 5th Edition	2013	AWS	0
155	A5.16/A5.16M	Specification for Titanium and Titanium-Alloy Welding Electrodes and Rods - 6th Edition	2013	AWS	0
156	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications	2013	AWS	0
157	F1.2	Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes	2013	AWS	0
158	A5.16/A5.16M	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods	2013	AWS	0
159	A9.5	Guide for Verification and Validation in Computation Weld Mechanics	2013	AWS	0
160	D14.9/D14.9M	Specification for the Welding of Hydraulic Cylinders	2013	AWS	0
161	D15.2/D15.2M	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles	2013	AWS	0
162	B2.1-1 8-006	NULL	2013	AWS	0
163	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	0
164	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	0
165	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	0
166	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	0
167	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	0
168	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	0
169	B2.1-1 8-014	NULL	2013	AWS	0
170	B2.1-1 8-227	NULL	2013	AWS	0
171	B2.1-1 8-228	NULL	2013	AWS	0
172	B2.1-1 8-229	NULL	2013	AWS	0
173	B2.1-1 8-230	NULL	2013	AWS	0
174	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	0
175	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	0
176	B5.1	Specification for the Qualification of Welding Inspectors	2013	AWS	0
177	A5.8M/A5.8 AMD 1	Specification for Filler Metals for Brazing and Braze Welding	2013	AWS	0
178	A5.9/A5.9M	Specification for Bare Stainless Steel Welding Electrodes and Rods	2012	AWS	0
179	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	2012	AWS	0
180	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2012	AWS	0
181	A2.4 Spanish	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2012	AWS	0
182	A4.5M/A4.5	Standard Methods for Classification Testing of Positional Capacity and Root Penetration ofWelding Consumables in a FilletWeld	2012	AWS	0
183	A5.1/A5.1M	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding	2012	AWS	0
184	Z49.1	Safety in Welding, Cutting and Allied Processes	2012	AWS	0
185	B2.1/B2.1M-BMG	Base Metal Grouping for Welding Procedure and Performance Qualification	2012	AWS	0
186	A5.31M A5.31	NULL	2012	AWS	0

187	A5.4 A5.4M	NULL	2012	AWS	0
188	A5.8M A5.8-AMD 1	NULL	2012	AWS	0
189	D3.6M ERTA	NULL	2012	AWS	0
190	D9.1M D9.1	NULL	2012	AWS	0
191	D14.4 D14.4M	NULL	2012	AWS	0
192	D17.1/D17.1M	Specification for Fusion Welding for Aerospace Applications	2012	AWS	0
193	D15.1/D15.1M	Railroad Welding Specification for Cars and Locomotives	2012	AWS	0
194	D14.4	Specification for Welded Joints in Machinery and Equipment	2012	AWS	0
195	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	0
196	D9.1/D9.1M	Sheet Metal Welding Code	2012	AWS	0
197	C4.5M	Uniform Designation System for Oxyfuel Nozzles	2012	AWS	0
198	A5.31	Specification for Fluxes for Brazing and Braze Welding	2012	AWS	0
199	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	0
200	A5.22/A5.22M	Specification for Stainless Steel Flux Cored and Metal Cored Welding Electrodes and Rods	2012	AWS	0
201	A5.4	Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding	2012	AWS	0
202	B2.1/B2.1M	Specification for Welding Procedure and Performance Qualification	2012	AWS	0
203	B2.3/B2.3M	Specification for Soldering Procedure and Performance Qualification	2012	AWS	0
204	B2.4	Specification for Welding Procedure and Performance Qualification for Thermoplastics	2012	AWS	0
205	C2.25/C2.25M	Specification for Thermal Spray Feedstock Solid and Composite Wire and Ceramic Rods	2012	AWS	0
206	C1.1M/C1.1	Recommended Practices for Resistance Welding	2012	AWS	0
207	EWH-I	Effects of Welding on Health, IndexùI through XIV	2012	AWS	0
208	G2.3M/G2.3	Guide for the Joining of Solid Solution Austenitic Stainless Steels	2012	AWS	0
209	G2.5/G2.5M	Guide for the FusionWelding of Zirconium and Zirconium Alloys	2012	AWS	0
210	B2.4	Specification for Welding Procedure and Performance Qualification for Thermoplastics - 2nd Edition	2012	AWS	0
211	C4.6M	Thermal Cutting Classification of Thermal Cuts Geometric Product Specification and Quality Tolerances - 1st Edition	2012	AWS	0
212	D14.6/D14.6M	Specification for Welding of Rotating Elements of Equipment - 4th Edition	2012	AWS	0
213	G2.1M/G2.1	Guide for the Joining of Wrought Nickel-Based Alloys	2012	AWS	0
214	A5.8M/A5.8	Specification for Filler Metals for Brazing and Braze Welding - 10th Edition	2011	AWS	0
215	F2.3M	Specification for Use and Performance of Transparent Welding Curtains and Screens	2011	AWS	0
216	QC20	Specification for AWS Certification of Resistance Welding Technicians	2011	AWS	0
217	RWPH	Resistance Welding Pocket Handbook	2011	AWS	0
218	C3.7M/C3.7	Specification for Aluminum Brazing	2011	AWS	0
219	C3.8M/C3.8	Specification for the Ultrasonic Pulse-Echo Examination of Brazed Joints	2011	AWS	0
220	B5.5	Specification for the Qualification of Welding Educators	2011	AWS	0
221	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	0
222	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	0
223	A5.8M/A5.8	Specification for Filler Metals for Brazing and Braze Welding	2011	AWS	0
224	A5.23/A5.23M	Specification for Low Alloy Steel Electrodes and Fluxes for Submerged Arc Welding	2011	AWS	0

225	A5.21	Specification for Bare Electrodes and Rods for Surfacing	2011	AWS	0
226	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	2011	AWS	0
227	A5.32M/A5.32	Welding Consumablesù Gases and Gas Mixtures for Fusion Welding and Allied Processes	2011	AWS	0
228	C3.11M/C3.11	Specification for Torch Soldering	2011	AWS	0
229	D1.1/D1.1M	Structural Welding Code	2011	AWS	0
230	D1.4/D1.4M	Structural Welding Code - Reinforcing Steel Errata	2011	AWS	0
231	A5.21 A5.21M	NULL	2011	AWS	0
232	C5.3	Recommended Practices for Air Carbon Arc Gouging and Cutting	2011	AWS	0
233	B4.0M	Standard Methods for Mechanical Testing of Welds	2010	AWS	0
234	F2.2	Lens Shade Selector	2010	AWS	0
235	G1.2M G1.2	NULL	2010	AWS	0
236	B2.2 B2.2M	NULL	2010	AWS	0
237	WHB-4.9	Materials and Applications Part 1	2010	AWS	0
238	A3.0M A3.0	NULL	2010	AWS	0
239	D17.1 D17.1M	NULL	2010	AWS	0
240	D1.5M/D1.5	Bridge Welding Code	2010	AWS	0
241	D1.7/D1.7M	Guide for Strengthening and Repairing Existing Structures	2010	AWS	0
242	D1.1/D1.1M PORTUGUESE	Structural Welding Code	2010	AWS	0
243	D1.1/D1.1M SPANISH	Structural Welding Code	2010	AWS	0
244	C7.2M	Recommended Practices for Laser Beam Welding, Cutting, and Allied Processes	2010	AWS	0
245	D1.1 CCRM	CODE CLINIC For Study of AWS D1.1/D1.1M: 2010 Structural Welding CodeùSteel	2010	AWS	0
246	D10.14M/D10.14	Guide for Multipass Orbital Machine Pipe Groove Welding	2010	AWS	0
247	D3.6M	Underwater Welding Code	2010	AWS	0
248	D3.9	Specification for Classification of Weld-Through Paint Primers	2010	AWS	0
249	D14.3/D14.3M	Specification for Welding Earthmoving and Construction Equipment	2010	AWS	0
250	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	0
251	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	0
252	A5.29/A5.29M	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	2010	AWS	0
253	A5.13/A5.13M	Specification for Surfacing Electrodes for Shielded Metal Arc Welding	2010	AWS	0
254	B2.2	Standard for Brazing Procedure and Performance Qualification	2010	AWS	0
255	UGFM	AWS User's Guide to Filler Metals	2010	AWS	0
256	D1.1/D1.1M	Structural Welding Code	2010	AWS	0
257	D17.3	Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications	2010	AWS	0
258	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	2010	AWS	0
259	B5.15	Specification for the Qualification of Radiographic Interpreters	2010	AWS	0
260	A3.0	Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying	2010	AWS	0

261	B2.1/B2.1M-BMG	Base Metal Grouping for Welding Procedure and Performance Qualification	2009	AWS	202
262	A5.12/A5.12M	Specification for Tungsten and Tungsten-Alloy Electrodes for Arc Welding and Cutting	2009	AWS	0
263	A5.01M/A5.01	Procurement Guidelines for Consumablesù Welding and Allied Processesù Flux and Gas Shielded Electrical Welding Processes	2009	AWS	0
264	QC19	Specification for AWS Certification of Robotic Arc Welding Personnel	2009	AWS	0
265	D10.10/D.10M	Recommended Practices for Local Heating of Welds in Piping and Tubing	2009	AWS	0
266	PRGP	The Practical Reference Guide to Positioning	2009	AWS	0
267	QC10	Specification for Qualification and Certification for Entry Level Welders	2009	AWS	0
268	QC14	Specification for the Certification of Welding Sales Representatives	2009	AWS	0
269	D18.1/D18.1M	Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications	2009	AWS	0
270	D18.2	Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube	2009	AWS	0
271	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2009	AWS	0
272	B5.14	Specification for the Qualification of Welding Sales Representatives	2009	AWS	0
273	C3.9M/C3.9	Specification for Resistance Brazing	2009	AWS	0
274	C1.4M/C1.4	Specification for Resistance Welding of Carbon and Low-Alloy Steels	2009	AWS	0
275	C1.5		2009	AWS	0
276	C3.2M/C3.2	Standard Method for Evaluating the Strength of Brazed Joints	2009	AWS	0
277	C3.3	Recommended Practices for Design, Manufacture, and Examination of Critical Brazed Components	2009	AWS	0
278	A5.6/A5.6M	Specification for Covered Copper and Copper Alloy Arc Welding Electrodes	2009	AWS	0
279	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2009	AWS	0
280	B1.10M/B1.10	Guide for the Nondestructive Examination of Welds	2009	AWS	0
281	D16.3M/D16.3	Risk Assessment Guide for Robotic Arc Welding	2009	AWS	0
282	D14.5/D14.5M	Specification for Welding of Presses and Press Components	2009	AWS	0
283	D14.8M	Standard Methods for the Avoidance of Cold Cracks	2009	AWS	0
284	D8.14M	Specification for Automotive Weld Qualityù Arc Welding of Aluminum	2009	AWS	0
285	D10.18M/D10.18	Guide for Welding Ferritic/Austenitic Duplex Stainless Steel Piping and Tubing	2009	AWS	0
286	D10.7M/D10.7	Guide for the Gas Shielded Arc Welding of Aluminum and Aluminum Alloy Pipe	2009	AWS	0
287	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	0
288	C7.4/C7.4M	Process Specification and Operator Qualification for Laser Beam Welding	2009	AWS	0
289	C4.2/C4.2M	Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation	2009	AWS	0
290	D1.2/D1.2M	Structural Welding Code Aluminum Fourth Edition	2009	AWS	0
291	D1.3	Structural Welding Code - Sheet Steel	2009	AWS	0
292	D1.8/D1.8M	Structural Welding Codeù Seismic Supplement	2009	AWS	0
293	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	0
294	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	0
295	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	0

296	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	0
297	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	0
298	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	0
299	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	0
300	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	0
301	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	0
302	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	0
303	A5.25 A5.25M	NULL	2009	AWS	0
304	A5.26 A5.26M	NULL	2009	AWS	0
305	B1.10MB1.10 SPANISH	NULL	2009	AWS	0
306	A5.12M A5.12	NULL	2009	AWS	0
307	D10.10_D10.10 M	NULL	2009	AWS	0
308	C6.1	Recommended Practices for Friction Welding R(1998)	2009	AWS	0
309	A5.6 A5.6M	NULL	2008	AWS	0
310	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2008	AWS	0
311	D10.18M D10.18	NULL	2008	AWS	0
312	D10.7M D10.7	NULL	2008	AWS	0
313	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	2008	AWS	0
314	D8.14M	Specification for Automotive Weld Quality Arc Welding of Aluminum	2008	AWS	0
315	D1.3 D1.3M	NULL	2008	AWS	0
316	C3.2M C3.2	NULL	2008	AWS	0
317	C3.3	Recommended Practices for Design, Manufacture, and Examination of Critical Brazed Components	2008	AWS	0
318	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	0
319	C7.4 C7.4M	NULL	2008	AWS	0
320	WIT-E	NULL	2008	AWS	0
321	WIT-T	Welding Inspection Technology Fourth Edition	2008	AWS	0
322	WIT-W	NULL	2008	AWS	0
323	QC10	Specification for Qualification and Certification for Entry Level Welders	2008	AWS	0
324	PRGP	The Practical Reference Guide to Positioning	2008	AWS	0
325	QC17	Standard for Accreditation of Welding Fabricators for AWS Certified Welding Fabricator Program	2008	AWS	0
326	VIW-M	Visual Inspection Workshop Reference Manual	2008	AWS	0
327	WIT	Welding Inspection Technology	2008	AWS	0
328	C3.6	Specification for Furnace Brazing	2008	AWS	0

329	D1.5M/D1.5	Bridge Welding Code AASHTO BWC-4	2008	AWS	434
330	B5.17	Specification for the Qualification of Welding Fabricators	2008	AWS	0
331	QC15	Specification for the Certification of Radiographic Interpreters	2008	AWS	0
332	B5.17	Specification for the Qualification of Welding Fabricators	2008	AWS	0
333	D1.1/D1.1M	structural welding code steel	2008	AWS	0
334	D1.3	Structural Welding Code - Sheet Steel Errata	2008	AWS	0
335	D8.8/D8.8M	Specification for Automotive and Light Truck Components Weld Quality - Arc Welding SAE HS J1196	2007	AWS	0
336	QC1	Standard for AWS Certification of Welding Inspectors	2007	AWS	0
337	A5.16/A5.16M	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods	2007	AWS	0
338	D1.6/D1.6M	Structural Welding Code - Stainless Steel	2007	AWS	0
339	B4.0	Standard Methods for Mechanical Testing of Welds	2007	AWS	0
340	C3.4	Specification for Torch Brazing	2007	AWS	0
341	C3.5	Specification for Induction Brazing	2007	AWS	0
342	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	0
343	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	0
344	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	0
345	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	0
346	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	0
347	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	0
348	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	0
349	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	0
350	D17.2/D17.2M	Specification for Resistance Welding for Aerospace Applications	2007	AWS	0
351	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	2007	AWS	0
352	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	2007	AWS	0
353	F1.1	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	2007	AWS	0
354	F4.1	Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping	2007	AWS	0
355	D10.11M/D10.11	Guide for Root Pass Welding of Pipe Without Backing	2007	AWS	0
356	A5.2/A5.2M	Specification for Carbon and Low Alloy Steel Rods for Oxyfuel Gas Welding	2007	AWS	0
357	A5.30/A5.30M	Specification for Consumable Inserts - 3rd Edition	2007	AWS	0
358	A5.02/A5.02M	Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes - First Edition; Second Printing; Incorporates Errata: April 2008	2007	AWS	0
359	A5.7/A5.7M	Specification for Copper and Copper-Alloy Bare Welding Rods and Electrodes - 7th Edition	2007	AWS	0
360	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	0
361	D16.2M/D16.2	Guide for Components of Robotic and Automatic Arc Welding Installations	2007	AWS	0

362	C4.3/C4.3M	Recommended Practices for Safe Oxyfuel Gas Heating Torch Operation - Third Edition	2007	AWS	0
363	C4.4/C4.4M	Recommended Practices for Heat Shaping and Straightening with Oxyfuel Gas Heating Torches - Second Edition	2007	AWS	0
364	BRH	Brazing Handbook - Fifth Edition	2007	AWS	0
365	D1.9/D1.9M	Structural Welding Codeâ Titanium - 1st Edition; Incorporating Addendum: August 26, 2011	2007	AWS	0
366	EWH-13	NULL	2007	AWS	0
367	A5.3 A5.3M	NULL	2007	AWS	0
368	A5.17 A5.17M	NULL	2007	AWS	0
369	WHB-3.9	Welding Handbook, Vol. 3, Welding Processes, Part 2 - Ninth Edition	2007	AWS	0
370	A4.2M	NULL	2006	AWS	0
371	A5.19	Specification for Magnesium Alloy Welding Electrodes and Rods R(1997)	2006	AWS	0
372	A5.15	Specification for Welding Electrodes and Rods for Cast Iron	2006	AWS	0
373	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	0
374	A4.4M	Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings	2006	AWS	0
375	F1.3M	A Sampling Strategy Guide for Evaluating Contaminants in the Welding Environment	2006	AWS	0
376	G1.1M/G1.1	Guide to Ultrasonic Assembly of Thermoplastics	2006	AWS	0
377	G1.6	Specification for the Qualification of Plastics Welding Inspectors for Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic Welds	2006	AWS	0
378	C6.2/C6.2M	Specification for Friction Welding of Metals	2006	AWS	0
379	F1.1M	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	2006	AWS	0
380	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	0
381	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	0
382	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	0
383	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	0
384	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	0
385	B2.1-1-001	NULL	2006	AWS	0
386	C5.7	Recommended Practices for Electrode Gas Welding	2006	AWS	0
387	D11.2	Guide for Welding Iron Castings	2006	AWS	0
388	A5.4	Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding	2006	AWS	0
389	A5.5	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding	2006	AWS	0
390	A5.9	Specification for Bare Stainless Steel Welding Electrodes and Rods	2006	AWS	0
391	D1.1/D1.1M	Structural Welding Code	2006	AWS	0
392	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	0
393	B5.9	Specification for the Qualification of Welding Supervisors	2006	AWS	0
394	B5.16	Specification for the Qualification of Welding Engineers	2006	AWS	0

395	QC13	Specification for the Certification of Welding Supervisors	2006	AWS	0
396	D9.1/D9.1M	Sheet Metal Welding Code	2006	AWS	0
397	D16.4-D16.4M	Specification for the Qualification of Robotic Arc Welding Personnel	2005	AWS	0
398	B2.1	Specification for Welding Procedure and Performance Qualification	2005	AWS	0
399	D1.4/D1.4M	Structural Welding Code - Reinforcing Steel Errata	2005	AWS	0
400	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2005	AWS	0
401	A5.20/A5.20M	Specification for Carbon Steel Electrodes for Flux Cored Arc Welding	2005	AWS	0
402	A5.28/A5.28M	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding	2005	AWS	0
403	A5.29	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	2005	AWS	0
404	B5.4	Specification for the Qualification of Welder Test Facilities	2005	AWS	0
405	B2.1-BMG	Specification for Welding Procedure and Performance Qualification	2005	AWS	0
406	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	0
407	Z49.1	Safety in Welding, Cutting and Allied Processes	2005	AWS	0
408	D14.1/D14.1	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	2005	AWS	0
409	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	2005	AWS	0
410	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	0
411	C3.7M/C3.7	Specification for Aluminum Brazing	2005	AWS	0
412	A5.24/A5.24M	Specification for Zirconium and Zirconium-Alloy Welding Electrodes and Rods	2005	AWS	0
413	D14.7/D14.7M	Recommended Practices for Surfacing and Reconditioning of Industrial Mill Rolls - 1st Edition	2005	AWS	0
414	D8.6	Specification for Automotive Resistance Spot Welding Electrodes - Supplement to RWMA Bulletin 16	2005	AWS	0
415	D8.7M	Recommended Practices for Automotive Weld Quality Resistance Spot Welding	2005	AWS	0
416	D14.1/D14.1M	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	2005	AWS	0
417	TWM	NULL	2005	AWS	0
418	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	0
419	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	0
420	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	0
421	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	0
422	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	0
423	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	0
424	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	0
425	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	0
426	GTW	NULL	2005	AWS	0
427	PAPQV	NULL	2005	AWS	0
428	CMWS	NULL	2005	AWS	0

429	WHB-2.9	Welding Handbook - Welding Processes, Part 1 - Volume 2; Ninth Edition	2004	AWS	0
430	PHB-3	NULL	2004	AWS	0
431	PHB-6	NULL	2004	AWS	0
432	D3.7	Guide for Aluminum Hull Welding	2004	AWS	0
433	D16.1M/D16.1	Specification for Robotic Arc Welding Safety	2004	AWS	0
434	C7.1	Recommended Practices for Electron Beam Welding	2004	AWS	0
435	C5.6	Recommended Practices for Gas Metal Arc Welding R(1994)	2004	AWS	0
436	A5.8	Specification for Filler Metals for Brazing and Braze Welding	2004	AWS	0
437	A5.1/A5.1M	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding	2004	AWS	0
438	D1.1/D1.1M	structural welding code steel	2004	AWS	0
439	F1.5M	Methods for Sampling and Analyzing Gases from Welding and Allied Processes	2003	AWS	0
440	F1.6	Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting	2003	AWS	0
441	IBSC	International Brazing and Soldering Conference, February 17-19, 2003; Four Points Sheraton Hotel, San Diego, California	2003	AWS	0
442	SGSH	The Independent Shop s Guide to Welding Safety and Health	2003	AWS	0
443	SHF	Safety and Health Fact Sheets Third Edition	2003	AWS	0
444	B5.15	Specification for the Qualification of Radiographic Interpreters	2003	AWS	0
445	B5.1	Specification for the Qualification of Welding Inspectors Data Pending per AWS	2003	AWS	0
446	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	0
447	D1.2/D1.2M	Structural Welding Code Aluminum Fourth Edition	2003	AWS	0
448	C7.3	Process Specification for Electron Beam Welding	2003	AWS	0
449	C2.23M C2.23	NULL	2003	AWS	0
450	C2.21M/C2.21	Specification for Thermal Spray Equipment Acceptance Inspection	2003	AWS	0
451	C5.5/C5.5M	Recommended Practices for Gas Tungsten Arc Welding	2003	AWS	0
452	C5.10/C5.10M	Recommended Practices for Shielding Gases for Welding and Cutting	2003	AWS	0
453	RWM	NULL	2003	AWS	0
454	EWH-12	NULL	2003	AWS	0
455	B2.1-1 8-010	NULL	2002	AWS	0
456	C2.20 C2.20M	NULL	2002	AWS	0
457	C2.16 C2.16M	NULL	2002	AWS	0
458	B2.1-1 8-231	NULL	2002	AWS	0
459	D1.5M/D1.5	Bridge Welding Code AASHTO BWC-4	2002	AWS	0
460	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	0
461	D1.1/D1.1M	Structural Welding Code - Steel Errata 07/15/2002 Incorporated	2002	AWS	0
462	C2.25/C2.25M	Specification for Thermal Spray Feedstock Solid and Composite Wire and Ceramic Rods	2002	AWS	0
463	C4.2	Operator's Manual for Oxyfuel Gas Cutting	2002	AWS	0
464	C2.16/C2.16M	Guide for Thermal-Spray Operator Qualification	2002	AWS	0
465	C2.20/C2.20M	Specificatiopn for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete	2002	AWS	0
466	CC-RM	Code Clinic for Study of AWS D1.1 Structural Welding Code-Steel - Reference Manual	2002	AWS	0
467	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	0

468	B5.14	Specification for the Qualification of Welding Sales Representatives	2002	AWS	0
469	C3.3	Recommended Practices for Design, Manufacture, and Examination of Critical Brazed Components	2002	AWS	0
470	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	0
471	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	0
472	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	0
473	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	0
474	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	0
475	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	0
476	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	0
477	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	0
478	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	0
479	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	0
480	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	0
481	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	0
482	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	0
483	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	0
484	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	0
485	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	0
486	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	0
487	PRGWA	The Practical Reference Guide for Welding Aluminum Commercial Applications	2002	AWS	0
488	IFS-02	International Index of Welding Filler Metal Classifications	2002	AWS	0
489	PRGHF	The Practical Reference Guide for Hardfacing	2002	AWS	0
490	G2.1M/G2.1	Guide for the Joining of Wrought Nickel-Based Alloys Reprinted, Incorporates Errata: October 2003	2002	AWS	0
491	QC17	Standard for Accreditation of Welding Fabricators for AWS Certified Welding Fabricator Program	2002	AWS	0
492	QC19	Specification for AWS Certification of Robotic Arc Welding Personnel	2002	AWS	0
493	G1.10M	Guide for The Evaluation of Hot Gas, Hot Gas Extrusion, and Heated Tool Butt Thermoplastic Welds	2001	AWS	0
494	PRGQA	The Practical Reference Guide for Welding Aluminum High-Quality Fusion Welding	2001	AWS	0
495	PCWC	Preparing Containers for Welding or Cutting	2001	AWS	0
496	F2.2	Lens Shade Selector	2001	AWS	0

497	F2.3M	Specification for Use and Performance of Transparent Welding Curtains and Screens	2001	AWS	0
498	F3.2M/F3.2	Ventilation Guide for Weld Fume	2001	AWS	0
499	WHB-1.9	Welding Science and Technology Ninth Edition; Volume I(Welding Handbook, Volume 1)	2001	AWS	0
500	WHB-1.9 APP A	Terms and Definitions(Welding Handbook, Volume 1)	2001	AWS	0
501	WHB-1.9 APP B	Metric Practice Guide for the Welding Industry(Welding Handbook, Volume 1)	2001	AWS	0
502	WHB-1.9 CH1	Survey of Joining, Cutting, and Allied Processes(Welding Handbook, Volume 1)	2001	AWS	0
503	WHB-1.9 CH2	Physics of Welding and Cutting(Welding Handbook, Volume 1)	2001	AWS	0
504	WHB-1.9 CH3	Heat Flow in Welding(Welding Handbook, Volume 1)	2001	AWS	0
505	WHB-1.9 CH4	Welding Metallurgy(Welding Handbook, Volume 1)	2001	AWS	0
506	WHB-1.9 CH5	Design for Welding(Welding Handbook, Volume 1)	2001	AWS	0
507	WHB-1.9 CH6	Test Methods for Evaluating Welded Joints(Welding Handbook, Volume 1)	2001	AWS	0
508	WHB-1.9 CH7	Residual Stress and Distortion(Welding Handbook, Volume 1)	2001	AWS	0
509	WHB-1.9 CH8	Symbols for Joining and Inspection(Welding Handbook, Volume 1)	2001	AWS	0
510	WHB-1.9 CH9	Weldment Tooling and Positioning(Welding Handbook, Volume 1)	2001	AWS	0
511	WHB-1.9 CH10	Monitoring and Control of Welding and Joining Process(Welding Handbook, Volume 1)	2001	AWS	0
512	WHB-1.9 CH11	Mechanized, Automated, and Robotic Welding(Welding Handbook, Volume 1)	2001	AWS	0
513	WHB-1.9 CH12	Economics of Welding and Cutting(Welding Handbook, Volume 1)	2001	AWS	0
514	WHB-1.9 CH13	Weld Quality(Welding Handbook, Volume 1)	2001	AWS	0
515	WHB-1.9 CH14	Welding Inspection and Nondestructive Examination(Welding Handbook, Volume 1)	2001	AWS	0
516	WHB-1.9 CH15	Qualification and Certification(Welding Handbook, Volume 1)	2001	AWS	0
517	WHB-1.9 CH16	Codes and Other Standards(Welding Handbook, Volume 1)	2001	AWS	0
518	WHB-1.9 CH17	Safe Practices	2001	AWS	0
519	WHB-1.9 HDBK	Welding Science and Technology(Welding Handbook, Volume 1)	2001	AWS	0
520	WHB-1.9 IMS	Index of Major Subjects	2001	AWS	0
521	WHB-1.9 INDEX	Index	2001	AWS	0
522	API-M	Code Clinic for Study of API Standard 1104 Nineteenth Edition Welding of Pipelines and Related Facilities - Reference Manual	2001	AWS	0
523	ARE-5	Design for Welding	2001	AWS	0
524	ARE-6	Test Methods for Evaluating Welded Joints	2001	AWS	0
525	ARE-7	Residual Stress and Distortion	2001	AWS	0
526	ARE-12	Economics of Welding and Cutting	2001	AWS	0
527	A1.1	Metric Practice Guide for the Welding Industry	2001	AWS	0
528	A3.0	Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying	2001	AWS	0
529	A4.4M	Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings	2001	AWS	0
530	A5.18/A5.18M	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding	2001	AWS	0
531	A5.21	Specification for Bare Electrodes and Rods for Surfacing R(1989)	2001	AWS	0
532	B5.16	Specification for the Qualification of Welding Engineers	2001	AWS	0

533	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	0
534	B5.2	Specification for the Qualification of Welding Inspector Specialists and Welding Inspector Assistants	2001	AWS	0
535	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	0
536	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	0
537	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	0
538	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	0
539	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	0
540	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	0
541	C5.2	Recommended Practices for Plasma Arc Cutting and Gouging	2001	AWS	0
542	C3.2M/C3.2	Standard Method for Evaluating the Strength of Brazed Joints Errata 2001	2001	AWS	0
543	D10.13/D10.13 M	Recommended Practices for the Brazing of Copper Tubing and Fittings for Medical Gas Systems	2001	AWS	0
544	D15.1	Railroad Welding Specification - Cars and Locomotives	2001	AWS	0
545	D16.2/D16.2M	Guide for Components of Robotic and Automatic Arc Welding Installations	2001	AWS	0
546	D16.3M/D16.3	Risk Assessment Guide for Robotic Arc Welding	2001	AWS	0
547	D17.1	Specification for Fusion Welding for Aerospace Applications Incorporating Errata	2001	AWS	0
548	EWH-11	Effects of Welding on Health, XI	2001	AWS	0
549	EWH-ACD	Effects of Welding on Health, All Volumes 1 through 11 and CD-Rom Index	2001	AWS	0
550	EWH-ALL	Effects of Welding on Health Set of 11 Books - Includes Hardcopy Index	2001	AWS	0
551	EWH-ICD	Effects of Welding on Health, Volume 1 through 11 CD-Rom Index	2001	AWS	0
552	C2.18	Guide for the Protection of Steel with Thermal Sprayed Coatings of Aluminum and Zinc and Their Alloys and Composites	2001	AWS	0
553	D10.13_D10.13 M	NULL	2001	AWS	0
554	F3.2M F3.2	NULL	2001	AWS	0
555	WHC1.04	NULL	2001	AWS	0
556	WHC1.05	NULL	2001	AWS	0
557	WHC1.06	NULL	2001	AWS	0
558	WHC1.07	NULL	2001	AWS	0
559	WHC1.08	NULL	2001	AWS	0
560	WHC1.10	NULL	2001	AWS	0
561	WHC1.11	NULL	2001	AWS	0
562	WHC1.12	NULL	2001	AWS	0
563	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	0
564	WIH	Welding Inspection Handbook	2001	AWS	0
565	PHB-4	NULL	2000	AWS	0
566	PHB-5	NULL	2000	AWS	0

567	SHB	Soldering Handbook(Soldering Manual)	2000	AWS	0
568	D10.12M_D10.12	NULL	2000	AWS	0
569	D3.5	Guide for Steel Hull Welding R(2000)	2000	AWS	0
570	D10.4	Recommended Practices for Welding Austenitic Chromium-Nickel Stainless Steel Piping and Tubing R(2000)	2000	AWS	0
571	D10.6 D10.6M	NULL	2000	AWS	0
572	D14.3/D14.3M	Specification for Welding Earthmoving and Construction Equipment	2000	AWS	0
573	D10.12M/D10.12	Guide for Welding Mild Steel Pipe	2000	AWS	0
574	D10.6/D10.6M	Recommended Practices for Gas Tungsten Arc Welding of Titanium Pipe and Tubing	2000	AWS	0
575	D10.7M/D10.7	Guide for the Gas Shielded Arc Welding of Aluminum and Aluminum Alloy Pipe R(1992)	2000	AWS	0
576	D8.14M/D8.14	Specification for Automotive and Light Truck Components Weld Quality - Aluminum Arc Welding	2000	AWS	0
577	D9.1M/D9.1	Sheet Metal Welding Code	2000	AWS	0
578	C5.7	Recommended Practices for ElectroGas Welding	2000	AWS	0
579	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	0
580	C5.3	Recommended Practices for Air Carbon Arc Gouging and Cutting	2000	AWS	0
581	C4.5M	Uniform Designation System for Oxyfuel Nozzles Errata:2000	2000	AWS	0
582	CM	Certification Manual for Welding Inspectors Fourth Edition	2000	AWS	0
583	CM ANNEX A	Additional Resources	2000	AWS	0
584	CM ANNEX B	Sample Forms	2000	AWS	0
585	CM ANNEX C	Answer Key Review Questions Chapters 1 - 13	2000	AWS	0
586	CM CH 1	Welding Inspector	2000	AWS	0
587	CM CH 2	Welding Inspector Responsibilities	2000	AWS	0
588	CM CH 3	Safety	2000	AWS	0
589	CM CH 4	Standards, Including Codes and Specifications	2000	AWS	0
590	CM CH 5	Weld Geometry and Welding Terminology	2000	AWS	0
591	CM CH 6	Welding and Nondestructive Examination Symbols	2000	AWS	0
592	CM CH 7	Weldability, Welding Metallurgy, and Welding Chemistry	2000	AWS	0
593	CM CH 8	Destructive Testing	2000	AWS	0
594	CM CH 9	Welding, Procedure and Welder Qualification	2000	AWS	0
595	CM CH 10	Welding, Brazing, and Cutting Processes	2000	AWS	0
596	CM CH 11	Weld and Base Metal Discontinuities	2000	AWS	0
597	CM CH 12	Nondestructive Examination (NDE) Processes	2000	AWS	0
598	CM CH 13	Inspection Reports	2000	AWS	0
599	CM INDEX	(Withdrawn)Index	2000	AWS	0
600	CM INTRO	Contents; 2000	2000	AWS	0
601	B5.5	Specification for the Qualification of Welding Educators	2000	AWS	0
602	B5.9	Specification for the Qualification of Welding Supervisors	2000	AWS	0
603	B4.0M	Standard Methods for Mechanical Testing of Welds	2000	AWS	0
604	C1.1M/C1.1	Recommended Practices for Resistance Welding	2000	AWS	0
605	B5.17	Specification for the Qualification of Welding Fabricators	2000	AWS	0

606	A5.13	Specification for Surfacing Electrodes for Shielded Metal Arc Welding	2000	AWS	0
607	B1.11	Guide for the Visual Examination of Welds	2000	AWS	0
608	B2.1	Specification for Welding Procedure and Performance Qualification	2000	AWS	0
609	PWE	The Practical Welding Engineer	2000	AWS	0
610	PHB-2	Everyday Pocket Handbook for Visual Inspection and Weld Discontinuities	2000	AWS	0
611	FMC	Filler Metal Comparison Charts	2000	AWS	0
612	FMPK	Filler Metal Comparison Charts and CD Package	2000	AWS	0
613	WI	Welding Inspection Handbook Third Edition(Welding Inspection)	2000	AWS	0
614	WI CH 1	Application and Scope(Welding Inspection)	2000	AWS	0
615	WI CH 2	Symbols(Welding Inspection)	2000	AWS	0
616	WI CH 3	Requirements for the Welding Inspector(Welding Inspection)	2000	AWS	0
617	WI CH 4	Welding Inspection Operations(Welding Inspection)	2000	AWS	0
618	WI CH 5	Inspection Safety Considerations(Welding Inspection)	2000	AWS	0
619	WI CH 6	Quality Assurance(Welding Inspection)	2000	AWS	0
620	WI CH 7	Ferrous Welding Metallurgy(Welding Inspection)	2000	AWS	0
621	WI CH 8	Preheating and Postweld Heat Treating(Welding Inspection)	2000	AWS	0
622	WI CH 9	Weld and Weld Related Discontinuities(Welding Inspection)	2000	AWS	0
623	WI CH 10	Qualification of Welding Procedure Specifications(Welding Inspection)	2000	AWS	0
624	WI CH 11	Qualification of Welders and Welding Operators(Welding Inspection)	2000	AWS	0
625	WI CH 12	Computerization of Welding Inspection and Quality(Welding Inspection)	2000	AWS	0
626	WI CH 13	Destructive Testing of Welds(Welding Inspection)	2000	AWS	0
627	WI CH 14	Proof Tests(Welding Inspection)	2000	AWS	0
628	WI CH 15	Nondestructive Examination Methods(Welding Inspection)	2000	AWS	0
629	WI CH 16	Qualification of Nondestructive Examination Personnel(Welding Inspection)	2000	AWS	0
630	WI CH 17	Codes and Other Standards(Welding Inspection)	2000	AWS	0
631	WI CH 18	Metric Practice(Welding Inspection)	2000	AWS	0
632	WI INDEX	Index to Welding Inspection(Welding Inspection)	2000	AWS	0
633	WI TABLE OF CONTENTS	Welding Inspection Handbook Third Edition(Welding Inspection)	2000	AWS	0
634	WIT-T	Welding Inspection Technology Fourth Edition	2000	AWS	0
635	WIT-W-99	Welding Inspection Technology Wookbook Third Edition	1999	AWS	0
636	Z49.1	Safety in Welding, Cutting and Allied Processes	1999	AWS	0
637	G1.2M/G1.2	Specification for Standardized Ultrasonic Welding Test Specimen for Thermoplastics	1999	AWS	0
638	PRGT	The Practical Reference Guide for Welding Titanium	1999	AWS	0
639	PRGVT	The Practical Reference Guide for Welding Inspection Management - Visual Inspection of Pressure Vessels and Pressure Piping	1999	AWS	0
640	PASS	Professional's Advisor on Welding Stainless Steels	1999	AWS	0
641	F4.1	Recommended Safe Practices for the Preparation for Welding and Cutting of Containers and Piping	1999	AWS	0
642	PRGWM	The Practical Reference Guide to Welding Metallurgy - Key Concepts for Weldability	1999	AWS	0
643	PRGC	The Practical Reference Guide for Corrosion of Welds - Causes and Cures	1999	AWS	0
644	SHB	Soldering Handbook(Soldering Manual)	1999	AWS	0

645	SHB ANNEX A	Annex A(Soldering Manual)	1999	AWS	0
646	SHB ANNEX B	Annex B(Soldering Manual)	1999	AWS	0
647	SHB ANNEX C	Annex C(Soldering Manual)	1999	AWS	0
648	SHB ANNEX D	Annex D(Soldering Manual)	1999	AWS	0
649	SHB ANNEX E	Annex E(Soldering Manual)	1999	AWS	0
650	SHB CH 1	Fundamentals of Soldering Technology(Soldering Manual)	1999	AWS	0
651	SHB CH 2	Solders Materials(Soldering Manual)	1999	AWS	0
652	SHB CH 3	Substrate Materials(Soldering Manual)	1999	AWS	0
653	SHB CH 4	Fluxes(Soldering Manual)	1999	AWS	0
654	SHB CH 5	Solder Pastes(Soldering Manual)	1999	AWS	0
655	SHB CH 6	Assembly Processes(Soldering Manual)	1999	AWS	0
656	SHB CH 7	Inspection Techniques for Product Acceptance and Process Optimization(Soldering Manual)	1999	AWS	0
657	SHB CH 8	Environmental, Safety, and Health(Soldering Manual)	1999	AWS	0
658	SHB INDEX	Index to Soldering Handbook(Soldering Manual)	1999	AWS	0
659	SHB INTRO	Soldering Handbook(Soldering Manual)	1999	AWS	0
660	API-IM	Code Clinic for Study of API Standard 1104 Eighteenth Edition Welding of Pipelines and Related Facilities - Instruction Manual	1999	AWS	0
661	AWS	Arc Welding Safety	1999	AWS	0
662	B1.10	Guide for the Nondestructive Examination of Welds	1999	AWS	0
663	A5.3/A5.3M	Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding	1999	AWS	0
664	A5.10/A5.10M	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods	1999	AWS	0
665	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	0
666	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	0
667	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	0
668	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	0
669	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	0
670	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	0
671	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	0
672	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	0
673	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	0
674	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	0
675	C1.4M/C1.4	Specification for Resistance Welding of Carbon and Low-Alloy Steels	1999	AWS	0

676	C3.4	Specification for Torch Brazing	1999	AWS	0
677	C3.5	Specification for Induction Brazing	1999	AWS	0
678	C3.6	Specification for Furnace Brazing	1999	AWS	0
679	C3.7	Specification for Aluminum Brazing	1999	AWS	0
680	C7.3	Process Specification for Electron Beam Welding	1999	AWS	0
681	C7.1	Recommended Practices for Electron Beam Welding	1999	AWS	0
682	D1.6	Structural Welding Code - Stainless Steel	1999	AWS	0
683	D3.6M	Specification for Underwater Welding	1999	AWS	0
684	D10.10/D.10M	Recommended Practices for Local Heating of Welds in Piping and Tubing	1999	AWS	0
685	D16.4	Specification for the Qualification of Robotic Arc Welding Personnel	1999	AWS	0
686	F1.1	Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	1999	AWS	0
687	F1.2	Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes	1999	AWS	0
688	F1.3	Sampling Strategy Guide for Evaluating Contaminants in the Welding Environment	1999	AWS	0
689	D18.1	Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications	1999	AWS	0
690	D18.2	Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube	1999	AWS	0
691	DPW	Design and Planning Manual for Cost-Effective Welding	1999	AWS	0
692	D1.3	Structural Welding Code - Sheet Steel Errata	1998	AWS	0
693	D1.4	Structural Welding Code - Reinforcing Steel Errata	1998	AWS	0
694	C7.2	Recommended Practices for Laser Beam Welding, Cutting, and Drilling	1998	AWS	0
695	CC-IM	Code Clinic for Study of AWS D1.1 Structural Welding code - Steel	1998	AWS	0
696	B4.0	Standard Methods for Mechanical Testing of Welds	1998	AWS	0
697	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	0
698	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	0
699	A2.1-DC	Welding Symbols Chart - Desk Size (Laminated)	1998	AWS	0
700	A2.1-WC	Welding Symbols Chart - Wall Size of A2.1 (Laminated)	1998	AWS	0
701	A2.1 WC & DC	Welding Symbols Wall and Desk Charts (Laminated)	1998	AWS	0
702	A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination	1998	AWS	0
703	A2.4/A2.1 SET	Standard Symbols for Welding, Brazing, and Nondestructive Examination Book and Charts Set	1998	AWS	0
704	A5.12/A5.12M	Specification for Tungsten and Tungsten-Alloy Electrodes for Arc Welding and Cutting	1998	AWS	0
705	A5.29	Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding	1998	AWS	0
706	EWB-10	Effects of Welding on Health X	1998	AWS	0
707	FACT SHEET NO. 19	Laser Welding and Cutting Safety	1998	AWS	0
708	IFS-P	Package of Book and CD to IFS:1998	1998	AWS	0
709	IQCC	Welding Inspection & Quality Control Course 36; Lesson Number and Title; 1-14	1998	AWS	0
710	GWF	Guide for the Design of a Welder Training Facility	1998	AWS	0
711	URS	AWS Ultrasonic Rulers and Guide Set	1998	AWS	0
712	VIW-IM	Visual Inspection Workshop Instructors Manual	1998	AWS	0
713	WHB-4 PART 2	Materials and Applications - Part 2 Eighth Edition(Welding Handbook, Vol. 4)	1998	AWS	0

714	WHB-4 PART 2 CH 1	Carbon and Low-Alloy Steels(Welding Handbook, Vol. 4)	1998	AWS	0
715	WHB-4 PART 2 CH 2	High-Alloy Steels(Welding Handbook, Vol. 4)	1998	AWS	0
716	WHB-4 PART 2 CH 3	Coated Steels(Welding Handbook, Vol. 4)	1998	AWS	0
717	WHB-4 PART 2 CH 4	Tool and Die Steels(Welding Handbook, Vol. 4)	1998	AWS	0
718	WHB-4 PART 2 CH 5	Stainless and Heat-Resisting Steels(Welding Handbook, Vol. 4)	1998	AWS	0
719	WHB-4 PART 2 CH 6	Clad and Dissimilar Metals(Welding Handbook, Vol. 4)	1998	AWS	0
720	WHB-4 PART 2 CH 7	Surfacing(Welding Handbook, Vol. 4)	1998	AWS	0
721	WHB-4 PART 2 CH 8	Cast Irons(Welding Handbook, Vol. 4)	1998	AWS	0
722	WHB-4 PART 2 CH 9	Titanium and Titanium Alloys(Welding Handbook, Vol. 4)	1998	AWS	0
723	WHB-4 PART 2 CH 10	Reactive Refractory, and Precious Metals and Alloys(Welding Handbook, Vol. 4)	1998	AWS	0
724	WHB-4 PART 2 HDBK	Materials and Applications - Part 2 Eighth Edition(Welding Handbook, Vol. 4)	1998	AWS	0
725	WHB-4 PART 2 INDEX	Welding Handbook Index of Major Subjects(Welding Handbook, Vol. 4)	1998	AWS	0
726	PHB-7	NULL	1998	AWS	0
727	PHB-8	NULL	1998	AWS	0
728	PARW	NULL	1998	AWS	0
729	WIT	Welding Inspection Technology WORKBOOK	1998	AWS	0
730	RWMA BULLETIN 34	NULL	1997	AWS	0
731	VIW-M	Visual Inspection Workshop Reference Manual	1997	AWS	0
732	WQAG	Welding Quality Assurance Guideline for Fabricators	1997	AWS	0
733	FACT SHEET NO. 18	Lockout/Tagout	1997	AWS	0
734	FWSH	Design Handbook for Calculating Fillet Weld Sizes	1997	AWS	0
735	JWE	Jefferson's Welding Encyclopedia Eighteenth Edition	1997	AWS	0
736	FACT SHEET NO. 20	Thermal Spraying Safety	1997	AWS	0
737	FGW	Contents(Fumes and Gases in the Welding Environment)	1997	AWS	0
738	FACT SHEET NO. 2	Radiation	1997	AWS	0
739	FACT SHEET NO. 16	Pacemakers and Welding	1997	AWS	0
740	FACT SHEET NO. 5	Electrical Hazards	1997	AWS	0
741	A5.30	Specification for Consumable Inserts	1997	AWS	0

742	A5.32	Specification for Welding Shielding Gases	1997	AWS	0
743	A5-ALL	Filler Metal Procurement Guidelines	1997	AWS	0
744	A5.14/A5.14M	Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods	1997	AWS	0
745	A5.17/A5.17M	Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding	1997	AWS	0
746	A5.23/A5.23M	Specification for Low Alloy Steel Electrodes and Fluxes for Submerged Arc Welding	1997	AWS	0
747	A5.25/A5.25M	Specification for Carbon and Low-Alloy Steel Electrodes and Fluxes for Electroslag Welding R(2003)	1997	AWS	0
748	A5.26/A5.26M	Specification for Carbon and Low-Alloy Steel Electrodes and Electrode Gas Welding R(2003)	1997	AWS	0
749	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	0
750	A5.11/A5.11M	Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding	1997	AWS	0
751	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	0
752	D14.1	Specification for Welding of Industrial and Mill Cranes and Other Material Handling Equipment	1997	AWS	0
753	D8.8	Specification for Automotive and Light Truck Components Weld Quality - Arc Welding SAE HS J1196	1997	AWS	0
754	F1.4	Methods for Analysis of Airborne Particulates Generated by Welding and Allied Processes	1997	AWS	0
755	D14.4	Specification for Welded Joints in Machinery and Equipment	1997	AWS	0
756	D14.5	Specification for Welding of Presses and Press Components	1997	AWS	0
757	D14.6	Specification for Welding of Rotating Elements of Equipment	1996	AWS	0
758	EG3.0	Guide for the Training and Qualification of Welding Personnel Level II - Advanced Welder	1996	AWS	0
759	EG4.0	Guide for the Training and Qualification of Welding Personnel Level III - Expert Welder	1996	AWS	0
760	ELW-SET	EG2.0-95 And QC10-95	1996	AWS	0
761	ELW-SET-B	EG3.0-96 and QC11-96	1996	AWS	0
762	ELW-SET-C	EG4.0-96 and QC12-96	1996	AWS	0
763	ELW-SET-D	Econo Package: EG2.0-95, EG3.0-96, EG4.0-96, QC10-95, QC11-96, QC12-96	1996	AWS	0
764	D10.8	Recommended Practices for Welding of Chromium-Molybdenum Steel Piping and Tubing	1996	AWS	0
765	D1.5-M	Bridge Welding Code AASHTO BWC-3	1996	AWS	0
766	A5.5	Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding	1996	AWS	0
767	A5.28	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding	1996	AWS	0
768	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	0
769	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	1996	AWS	0
770	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	1996	AWS	0
771	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	1996	AWS	0
772	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	1996	AWS	0
773	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	1996	AWS	0
774	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	1996	AWS	0
775	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	1996	AWS	0

776	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	0
777	FACT SHEET NO. 17	Electric and Magnetic Fields (EMF)	1996	AWS	0
778	PHSP WC & DC	Suggester Filler Materials and Minimum Preheat Temperatures for Welding Steel Pipe with Wall Thickness Less than 3/4", Wall and Desk Charts	1996	AWS	0
779	PHSS WC & DC	Suggested Pretemperatures for Welding Structural Steel Materails Wall and Desk Charts	1996	AWS	0
780	FMS D	Suggested Filler Materials for Welding Structural Steel Desk Chart	1996	AWS	0
781	FMS W	Suggested Filler Materials for Welding Structural Steel Wall Chart	1996	AWS	0
782	FMS WC & DC	Suggested Filler Materials for Welding Structural Steel, Wall Chart and Desk Chart	1996	AWS	0
783	FORM E-1	Welding Procedure Specification (WPS)	1996	AWS	0
784	FORM E-3	WPS Qualification Test Record for Electroslag and Electrogas Welding	1996	AWS	0
785	FORM E-4	Welder, Welding Operator, or Tack Welder Qualification Test Record	1996	AWS	0
786	FORM E-7	Report of Radiographic Examination of Welds	1996	AWS	0
787	FORM E-8	Report of Magnetic-Particle Examination of Welds	1996	AWS	0
788	FORM E-9	Stud Welding Procedure Specification (WPS) or Procedure Qualification Record (PQR) or Welding Qualification Record (WQR)	1996	AWS	0
789	QC1	Standard for AWS Certification of Welding Inspectors	1996	AWS	0
790	TSM	Thermal Spray Manual - A Practicle Reference Guide	1996	AWS	0
791	QC11	Specification for Qualification and Certification for Level II - Advanced Welders	1996	AWS	0
792	QCM12	Specification for Qualification and Certification for Level III - Expert Welders	1996	AWS	0
793	WHB-3	Materials and Applications - Part 1(Welding Handbook, Vol. 3)	1996	AWS	0
794	WHB-3 CH 1	Aluminum and Aluminum Alloys(Welding Handbook, Vol. 3)	1996	AWS	0
795	WHB-3 CH 2	Magnesium and Magnesium Alloys(Welding Handbook, Vol. 3)	1996	AWS	0
796	WHB-3 CH 3	Copper and Copper Alloys(Welding Handbook, Vol. 3)	1996	AWS	0
797	WHB-3 CH 4	Nickel and Cobalt Alloys(Welding Handbook, Vol. 3)	1996	AWS	0
798	WHB-3 CH 5	Lead and Zinc(Welding Handbook, Vol. 3)	1996	AWS	0
799	WHB-3 CH 6	Plastics(Welding Handbook, Vol. 3)	1996	AWS	0
800	WHB-3 CH 7	Composites(Welding Handbook, Vol. 3)	1996	AWS	0
801	WHB-3 CH 8	Ceramics(Welding Handbook, Vol. 3)	1996	AWS	0
802	WHB-3 CH 9	Maintenance and Repair Welding(Welding Handbook, Vol. 3)	1996	AWS	0
803	WHB-3 CH 10	Underwater Welding and Cutting(Welding Handbook, Vol. 3)	1996	AWS	0
804	WHB-3 HDBK	Materials and Applications - Part 1(Welding Handbook, Vol. 3)	1996	AWS	0
805	WHB-3 INDEX	Index(Welding Handbook, Vol. 3)	1996	AWS	0
806	RWMA BULLETIN 14	NULL	1996	AWS	0
807	RWMA BULLETIN 16	NULL	1996	AWS	0
808	QC12	NULL	1996	AWS	0
809	WHB-3.8	NULL	1996	AWS	0
810	QC10	Specification for Qualification and Certification for Entry Level Welders	1995	AWS	0
811	UGFM	AWS User's Guide to Filler Metals	1995	AWS	0

812	WJT-G	Joint - Weld Terminology and Standard Welding Symbols Interpretation	1995	AWS	0
813	PRG	The Practical Reference Guide for Radiographic Inspection - Acceptance Criteria	1995	AWS	0
814	FACT SHEET NO. 3	Noise	1995	AWS	0
815	FACT SHEET NO. 4	Chromium and Nickel in Welding Fume	1995	AWS	0
816	FACT SHEET NO. 1	Fumes and Gases	1995	AWS	0
817	FACT SHEET NO. 6	Fire and Explosion Prevention	1995	AWS	0
818	FACT SHEET NO. 7	Burn Protection	1995	AWS	0
819	FACT SHEET NO. 8	Mechanical Hazards	1995	AWS	0
820	FACT SHEET NO. 9	Tripping and Falling	1995	AWS	0
821	FACT SHEET NO. 10	Falling Objects	1995	AWS	0
822	FACT SHEET NO. 11	Confined Spaces	1995	AWS	0
823	FACT SHEET NO. 12	Contact Lens Wear	1995	AWS	0
824	FACT SHEET NO. 13	Ergonomics in the Welding Environment	1995	AWS	0
825	FACT SHEET NO. 14	Graphic Symbols for Precautionary Labels	1995	AWS	0
826	FACT SHEET NO. 15	Style Guidelines for Safety and Health Documents	1995	AWS	0
827	EWB-9	Effects of Welding on Health IX	1995	AWS	0
828	A5.20	Specification for Carbon Steel Electrodes for Flux Cored Arc Welding	1995	AWS	0
829	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	0
830	AWR	Arc Welding with Robots: Do's and Don'ts	1995	AWS	0
831	D10.13	Recommended Practices for the Brazing of Copper Pipe and Tubing for Medical Gas Systems	1995	AWS	0
832	EG2.0	Guide for The Training and Qualification of Welding Personnel Entry Level Welder	1995	AWS	0
833	D15.2	Recommended Practices for the Welding of Rails and Related Rail Components for Use by Rail Vehicles	1994	AWS	0
834	D16.2	Standard for Components of Robotic and Automatic Welding Installations	1994	AWS	0
835	C5.10	Recommended Practices for Shielding Gases for Welding and Plasma Arc Cutting	1994	AWS	0
836	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	0
837	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	0
838	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	0
839	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	0

840	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	0
841	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	0
842	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	0
843	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	0
844	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	0
845	EWB-8	Effects of Welding on Health VIII	1994	AWS	0
846	PHB-1	Everyday Pocket Handbook for Arc Welding Steel	1994	AWS	0
847	WM 1.4	Welding Metallurgy Volume I, Fundamentals Fourth Edition; Volume 1	1994	AWS	0
848	RWMA BULLETIN 5	NULL	1994	AWS	0
849	QC7 SUPP C	NULL	1993	AWS	0
850	QC7 SUPP F	NULL	1993	AWS	0
851	QC7 SUPP G	NULL	1993	AWS	0
852	QC7 Supplement F	Supplement Fù Chemical Plant and Petroleum Refinery Piping	1993	AWS	0
853	QC7 Supplement G	Supplement Gù AWS Performance Qualification Test	1993	AWS	0
854	QC7	Standard for AWS Certified Welders	1993	AWS	0
855	QC2	Recommended Practice for the Training, Qualification and Certification of Welding Inspector Specialist and Welding Inspector Assistant	1993	AWS	0
856	A5.9	Specification for Bare Stainless Steel Welding Electrodes and Rods	1993	AWS	0
857	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	0
858	A5.01	Filler Metal Procurement Guidelines R(1999)	1993	AWS	0
859	A2.4-SP	Standard Symbols for Welding, Brazing and Nondestructive Examination Spanish	1993	AWS	0
860	D3.5	Guide for Steel Hull Welding R(2000)	1993	AWS	0
861	D14.2	Specification for Metal Cutting Machine Tool Weldments	1993	AWS	0
862	C5.4	Recommended Practices for Stud Welding	1993	AWS	0
863	C2.18	Guide for the Protection of Steel with Thermal Sprayed Coatings of Aluminum and Zinc and Their Alloys and Composites	1993	AWS	0
864	BRS	Braze Safety	1992	AWS	0
865	A5.4	Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding Supersedes SAE AMS 5777 R(2000)	1992	AWS	0
866	A5.2	Specification for Carbon and Low Alloy Steel Rods for Oxyfuel Gas Welding	1992	AWS	0
867	A5.8	Specification for Filler Metals for Brazing and Braze Welding	1992	AWS	0
868	A5.19	Specification for Magnesium Alloy Welding Electrodes and Rods R(1997)	1992	AWS	0
869	A5.31	Specification for Fluxes for Brazing and Braze Welding R(2003)	1992	AWS	0
870	A9.1	Standard Guide for Describing Arc Welds in Computerized Material Property and Nondestructive Examination Databases	1992	AWS	0
871	A9.2	Standard Guide for Recording Arc Weld Material Property and Nondestructive Examination Data in Computerized Databases	1992	AWS	0
872	QC5G	Guide to AWS Welding Educator Qualification and Certification	1992	AWS	0

873	FSW	Fire Safety in Welding and Cutting	1992	AWS	0
874	QC5	Standard for Certification of Welding Educators	1991	AWS	0
875	WHB-2	Welding Handbook Volume 2 Eighth Edition(Welding Handbook, Vol. 2)	1991	AWS	0
876	WHB-2 CH 1	Arc Welding Power Sources(Welding Handbook, Vol. 2)	1991	AWS	0
877	WHB-2 CH 2	Shielded Metal Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	0
878	WHB-2 CH 3	Gas Tungsten Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	0
879	WHB-2 CH 4	Gas Metal Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	0
880	WHB-2 CH 5	Flux Cored Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	0
881	WHB-2 CH 6	Submerged Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	0
882	WHB-2 CH 7	Electrode Gas Welding(Welding Handbook, Vol. 2)	1991	AWS	0
883	WHB-2 CH 8	Electroslag Welding(Welding Handbook, Vol. 2)	1991	AWS	0
884	WHB-2 CH 9	Stud Welding(Welding Handbook, Vol. 2)	1991	AWS	0
885	WHB-2 CH 10	Plasma Arc Welding(Welding Handbook, Vol. 2)	1991	AWS	0
886	WHB-2 CH 11	Oxyfuel Gas Welding(Welding Handbook, Vol. 2)	1991	AWS	0
887	WHB-2 CH 12	Brazing(Welding Handbook, Vol. 2)	1991	AWS	0
888	WHB-2 CH 13	Soldering(Welding Handbook, Vol. 2)	1991	AWS	0
889	WHB-2 CH 14	Oxygen Cutting(Welding Handbook, Vol. 2)	1991	AWS	0
890	WHB-2 CH 15	Arc Cutting and Gouging	1991	AWS	0
891	WHB-2 CH 16	Laser Beam and Water Jet Cutting	1991	AWS	0
892	WHB-2 CH 17	Spot, Seam, and Projection Welding	1991	AWS	0
893	WHB-2 CH 18	Flash, Upset, and Percussion Welding	1991	AWS	0
894	WHB-2 CH 19	Resistance Welding Equipment	1991	AWS	0
895	WHB-2 CH 20	High-Frequency Welding	1991	AWS	0
896	WHB-2 CH 21	Electron Beam Welding	1991	AWS	0
897	WHB-2 CH 22	Laser Beam Welding	1991	AWS	0
898	WHB-2 CH 23	Friction Welding	1991	AWS	0
899	WHB-2 CH 24	Explosion Welding	1991	AWS	0
900	WHB-2 CH 25	Ultrasonic Welding	1991	AWS	0
901	WHB-2 CH 26	Diffusion Welding and Brazing	1991	AWS	0
902	WHB-2 CH 27	Adhesive Bonding of Metals	1991	AWS	0
903	WHB-2 CH 28	Thermal Spraying	1991	AWS	0
904	WHB-2 CH 29	Other Welding Processes	1991	AWS	0
905	A5.1	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding	1991	AWS	0
906	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
907	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
908	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
909	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
910	BRH	Brazing Handbook 1991 Fourth Edition	1991	AWS	0

911	BRH APP A	Definitions of Terms Fourth Edition(Brazing Handbook)	1991	AWS	0
912	BRH APP B	Properties of Brazeable Metals and Alloys Fourth Edition	1991	AWS	0
913	BRH APP C	Thermal Expansion Data Fourth Edition	1991	AWS	0
914	BRH CH 1	Fundamentals Fourth Edition(Brazing Handbook)	1991	AWS	0
915	BRH CH 2	Brazement Design and Drafting Room Practice Fourth Edition(Brazing Handbook)	1991	AWS	0
916	BRH CH 3	Brazing Filler Metals Fourth Edition(Brazing Handbook)	1991	AWS	0
917	BRH CH 4	Fluxes and Atmospheres Fourth Edition(Brazing Handbook)	1991	AWS	0
918	BRH CH 5	Corrosion Resistance of Brazed Joints Fourth Edition(Brazing Handbook)	1991	AWS	0
919	BRH CH 6	Safety and Health Fourth Edition(Brazing Handbook)	1991	AWS	0
920	BRH CH 7	Precleaning and Surface Preparation Fourth Edition(Brazing Handbook)	1991	AWS	0
921	BRH CH 8	Assembly and Fixturing Fourth Edition(Brazing Handbook)	1991	AWS	0
922	BRH CH 9	Torch Brazing Fourth Edition(Brazing Handbook)	1991	AWS	0
923	BRH CH 10	Furnace Brazing Fourth Edition(Brazing Handbook)	1991	AWS	0
924	BRH CH 11	Induction Brazing Fourth Edition(Brazing Handbook)	1991	AWS	0
925	BRH CH 12	Dip Brazing Fourth Edition(Brazing Handbook)	1991	AWS	0
926	BRH CH 13	Resistance Brazing Fourth Edition(Brazing Handbook)	1991	AWS	0
927	BRH CH 14	Braze Welding Fourth Edition(Brazing Handbook)	1991	AWS	0
928	BRH CH 15	Other Processes Fourth Edition(Brazing Handbook)	1991	AWS	0
929	BRH CH 16	Inspection of Brazed Joints Fourth Edition(Brazing Handbook)	1991	AWS	0
930	BRH CH 17	Codes and Other Standards Fourth Edition(Brazing Handbook)	1991	AWS	0
931	BRH CH 18	Copper and Copper Alloys Fourth Edition(Brazing Handbook)	1991	AWS	0
932	BRH CH 19	Precious Metals(Brazing Handbook)	1991	AWS	0
933	BRH CH 20	Low Carbon, Low Alloy, and Tool Steels Fourth Edition(Brazing Handbook)	1991	AWS	0
934	BRH CH 21	Brazing of Cast Iron Fourth Edition(Brazing Handbook)	1991	AWS	0
935	BRH CH 22	Pipe and Tube Fourth Edition(Brazing Handbook)	1991	AWS	0
936	BRH CH 23	Nickel Base and Cobalt-Containing Alloys Fourth Edition(Brazing Handbook)	1991	AWS	0
937	BRH CH 24	Stainless Steels Fourth Edition(Brazing Handbook)	1991	AWS	0
938	BRH CH 25	Aluminum and Aluminum Alloys Fourth Edition(Brazing Handbook)	1991	AWS	0
939	BRH CH 26	Magnesium and Magnesium Alloys Fourth Edition(Brazing Handbook)	1991	AWS	0
940	BRH CH 27	Titanium, Zirconium, and Beryllium Fourth Edition(Brazing Handbook)	1991	AWS	0
941	BRH CH 28	Refractory Metals - Niobium, Molybdenum, Tantalum, and Tungsten Fourth Edition(Brazing Handbook)	1991	AWS	0
942	BRH CH 29	Electron Tube and Vacuum Equipment Brazing Fourth Edition(Brazing Handbook)	1991	AWS	0
943	BRH CH 30	Carbide Tools Fourth Edition	1991	AWS	0
944	BRH CH 31	Ceramic Brazing Fourth Edition	1991	AWS	0
945	BRH CH 32	Carbon and Graphite Fourth Edition	1991	AWS	0
946	BRH CH 33	Honeycomb Structure Brazing Fourth Edition	1991	AWS	0
947	BRH INDEX	Index Fourth Edition(Brazing Handbook)	1991	AWS	0
948	BRH INTRO	Brazing Handbook 1991 Fourth Edition	1991	AWS	0
949	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
950	B2.2	Standard for Brazing Procedure and Performance Qualification	1991	AWS	0

951	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	0
952	C3.8	Recommended Practices for Ultrasonic Inspection of Brazed Joints R(1998)	1990	AWS	0
953	D3.7	Guide for Aluminum Hull Welding	1990	AWS	0
954	A5.15	Specification for Welding Electrodes and Rods for Cast Iron	1990	AWS	0
955	A5.16	Specification for Titanium and Titanium Alloy Welding Electrodes and Rods R(1997)	1990	AWS	0
956	A5.24	Specification for Zirconium and Zirconium Alloy Welding Electrodes and Rods R(1997)	1990	AWS	0
957	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	0
958	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
959	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
960	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
961	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
962	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
963	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
964	WHB-2 HDBK	Welding Handbook Volume 2 Eighth Edition(Welding Handbook, Vol. 2)	1990	AWS	0
965	WHB-2 INDEX	Index(Welding Handbook, Vol. 2)	1990	AWS	0
966	OVS	Oxyfuel Gas Welding, Cutting and Heating Safety	1990	AWS	0
967	EWB-7	Effects of Welding on Health VII	1990	AWS	0
968	B2.1-1-001	NULL	1990	AWS	0
969	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	0
970	EWB-6	Effects of Welding on Health VI	1989	AWS	0
971	F3.1	Guide for Welding Fume Control	1989	AWS	0
972	QC4	Standard for Accreditation of Test Facilities for AWS Certified Welder Program	1989	AWS	0
973	C6.1	Recommended Practices for Friction Welding R(1998)	1989	AWS	0
974	D11.2	Guide for Welding Iron Castings	1989	AWS	0
975	C5.6	Recommended Practices for Gas Metal Arc Welding R(1994)	1989	AWS	0
976	D8.7	Recommended Practices for Automotive Weld Quality-Resistance Spot Welding (SAE J 1188) R(1994)	1988	AWS	0
977	AWS-S	Arc Welding Safety (Seguridad en la Soldadura por Arco) in Spanish	1988	AWS	0
978	SP	Safe Practices Reprint of WHB-1 CH 16	1988	AWS	0
979	HOT	Hands-On Training use of Measuring Tools for the AWS Certified Welding Inspector Hands-On Examination	1987	AWS	0
980	HST	Hands-On, Self-Training	1987	AWS	0
981	D10.11	Recommended Practices for Root Pass Welding of Pipe without Backing R(1992)	1987	AWS	0
982	EWB-5	Effects of Welding on Health V	1987	AWS	0
983	D10.4	Recommended Practices for Welding Austenitic Chromium-Nickel Stainless Steel Piping and Tubing R(2000)	1986	AWS	0
984	UEAW	Handbook on the Ultrasonic Examination of Austenitic Welds	1986	AWS	0
985	WCI	Welding of Cast Iron - a Selection of Papers	1985	AWS	0

986	TSS	Thermal Spraying - Practice, Theory, and Application	1985	AWS	0
987	WHB-5	Engineering, Costs, Quality, and Safety(Welding Handbook, Vol. 5)	1984	AWS	0
988	WHB-5 CH 1	Design for Welding(Welding Handbook, Vol. 5)	1984	AWS	0
989	WHB-5 CH 2	Symbols for Welding, Brazing, and Nondestructive Examination(Welding Handbook, Vol. 5)	1984	AWS	0
990	WHB-5 CH 3	Economics and Cost Estimating(Welding Handbook, Vol. 5)	1984	AWS	0
991	WHB-5 CH 4	Fixtures and Positioners(Welding Handbook, Vol. 5)	1984	AWS	0
992	WHB-5 CH 5	Automation and Control(Welding Handbook, Vol. 5)	1984	AWS	0
993	WHB-5 CH 6	Codes and Standards(Welding Handbook, Vol. 5)	1984	AWS	0
994	WHB-5 CH 7	Qualification and Certification(Welding Handbook, Vol. 5)	1984	AWS	0
995	WHB-5 CH 8	Weld Quality(Welding Handbook, Vol. 5)	1984	AWS	0
996	WHB-5 CH 9	Inspection(Welding Handbook, Vol. 5)	1984	AWS	0
997	WHB-5 CH 10	Safe Practices(Welding Handbook, Vol. 5)	1984	AWS	0
998	WHB-5 HDBK	Engineering, Costs, Quality, and Safety(Welding Handbook, Vol. 5)	1984	AWS	0
999	WHB-5 INDEX	Index(Welding Handbook, Vol. 5)	1984	AWS	0
1000	WHB-ALL	Welding Handbook Set Includes Volumes 1 through 4	1984	AWS	0
1001	A5.6	Specification for Covered Copper and Copper Alloy Arc Welding Electrodes R(2000)	1984	AWS	0
1002	A5.7	Specification for Copper and Copper Alloy Bare Welding Rods and Electrodes R(1991)	1984	AWS	0
1003	CAWF	Characterization of Arc Welding Fume	1983	AWS	0
1004	EWH-3	Effects of Welding on Health III	1983	AWS	0
1005	EWH-4	Effects of Welding on Health IV	1983	AWS	0
1006	C4.3	Operators Manual for Oxyfuel Gas Heating Torch Operation	1983	AWS	0
1007	LVOS	Laboratory Validation of Ozone Sampling with Spill-Proof Impingers	1983	AWS	0
1008	WHB-4	Metals and Their Weldability(Welding Handbook, Vol. 4)	1982	AWS	0
1009	WHB-4 CH 1	Carbon and Low Alloy Steels(Welding Handbook, Vol. 4)	1982	AWS	0
1010	WHB-4 CH 2	Stainless Steels(Welding Handbook, Vol. 4)	1982	AWS	0
1011	WHB-4 CH 3	Tool and Die Steels(Welding Handbook, Vol. 4)	1982	AWS	0
1012	WHB-4 CH 4	High Alloy Steels(Welding Handbook, Vol. 4)	1982	AWS	0
1013	WHB-4 CH 5	Cast Irons(Welding Handbook, Vol. 4)	1982	AWS	0
1014	WHB-4 CH 6	Nickel and Cobalt Alloys(Welding Handbook, Vol. 4)	1982	AWS	0
1015	WHB-4 CH 7	Copper Alloys(Welding Handbook, Vol. 4)	1982	AWS	0
1016	WHB-4 CH 8	Aluminum Alloys(Welding Handbook, Vol. 4)	1982	AWS	0
1017	WHB-4 CH 9	Magnesium Alloys(Welding Handbook, Vol. 4)	1982	AWS	0
1018	WHB-4 CH 10	Titanium, Zirconium, Hafnium, Tantalum, and Columbium(Welding Handbook, Vol. 4)	1982	AWS	0
1019	WHB-4 CH 11	Other Metals(Welding Handbook, Vol. 4)	1982	AWS	0
1020	WHB-4 CH 12	Dissimilar Metals(Welding Handbook, Vol. 4)	1982	AWS	0
1021	WHB-4 HDBK	Metals and Their Weldability(Welding Handbook, Vol. 4)	1982	AWS	0
1022	WHB-4 INDEX	Index(Welding Handbook, Vol. 4)	1982	AWS	0
1023	WFDP	Welding Fume Control, a Demonstration Project 1982	1982	AWS	0
1024	EWH-2	Effects of Welding on Health II	1981	AWS	0
1025	C5.5	Recommended Practices for Gas Tungsten Arc Welding R(1994)	1980	AWS	0
1026	OPP	Underwater Welding of Offshore Platforms and Pipelines	1980	AWS	0

1027	FGW APP C	Tables C1 to C4 Summary of Original Data, Part III(Fumes and Gases in the Welding Environment)	1979	AWS	0
1028	FGW APP D	Tables D1 and D2 Laboratory Data Sheets for Part IV(Fumes and Gases in the Welding Environment)	1979	AWS	0
1029	FGW APP A	Table A1 Electrodes Used in Part III(Fumes and Gases in the Welding Environment)	1979	AWS	0
1030	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	0
1031	FGW APP E	Tables E1 to E6 Laboratory Data Sheets for Part V(Fumes and Gases in the Welding Environment)	1979	AWS	0
1032	FGW PT 1	Ventilation Studies(Fumes and Gases in the Welding Environment)	1979	AWS	0
1033	FGW PT 2	Arc Welding Fumes and Gases(Fumes and Gases in the Welding Environment)	1979	AWS	0
1034	FGW PT 3	Brazing Fumes and Gases(Fumes and Gases in the Welding Environment)	1979	AWS	0
1035	FGW PT 4	Thermal Spraying Fumes and Gases(Fumes and Gases in the Welding Environment)	1979	AWS	0
1036	FGW PT 5	Fumes and Gases from Oxygen Cutting(Fumes and Gases in the Welding Environment)	1979	AWS	0
1037	EWH-1	Effects of Welding on Health I	1979	AWS	0
1038	EWH-I	Effects of Welding on Health, Volume 1 through 11 Book Index	1979	AWS	0
1039	AWS FUMES AND GASES	Contents(Fumes and Gases in the Welding Environment)	1979	AWS	0
1040	AWN	Arc Welding and Cutting Noise	1979	AWS	0
1041	F6.1	Method for Sound Level Measurement of Manual Arc Welding and Cutting Processes R(1989)	1978	AWS	0
1042	F2.1	Recommended Safe Practice for Electron Beam Welding and Cutting	1978	AWS	0
1043	C4.1	Criteria for Describing Oxygen-Cut Surfaces	1977	AWS	0
1044	C4.1 SET	Oxygen Cutting Surface Roughness Gauge and Chart for Criteria Describing Oxygen Cut Surfaces	1977	AWS	0
1045	C4.1-WC	Criteria for Describing Oxygen-Cut Surface (8 1/2" x 11" 5 PG Chart)	1977	AWS	0
1046	ULR	NULL	1976	AWS	0
1047	D12.1	(Cancelled)Reinforcing Steel Welding Code Best Copy Available; Superseded by AWS D1.4	1975	AWS	0
1048	C2.14	Corrosion Tests of Flame-Sprayed Coated Steel 19-Year Report	1974	AWS	0
1049	C5.1	Recommended Practices for Plasma-Arc Welding	1973	AWS	0
1050	WZC	Welding Zinc-Coated Steel First Edition	1972	AWS	0
1051	C1.3	Recommended Practices for Resistance Welding Coated Low Carbon Steels R(1987)	1970	AWS	0
1052	C2.2	Recommended Practices for Metallizing with Aluminium and Zinc for Protection of Iron and Steel	1967	AWS	0
1053	D1.0	Welding in Building Construction Eighth Edition; Supplement 2: September 1968	1966	AWS	0
1054	C2.8	(Cancelled)Corrosion Tests of Metallized Coated Steel 6-Year Report Best Copy Available	1962	AWS	0
1055	C1.2	Recommended Practices for Spot Welding Aluminium and Aluminium Alloys	1953	AWS	0
1056	D10.10 D10.10M_1999 (R 200)	NULL	0	AWS	0
1057	C4.6M_2006(R 2012)	NULL	0	AWS	0

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