AWS Sustaining Company Member / Section Library Publication List

The following is a list of publications offered as a part of the AWS Sustaining Company Member and AWS Section library.

Revised 10/27/2026

	Publication Number	Rev	Title
1	A1.1	26	Metric Practice Guide for the Welding Industry
2	A10.1M	07	Specification For Calibration And Performance Testing Of Secondary Current Sensing Coils And Weld Current Monitors Used In Single-Phase Ac Resistance Welding
3	A2.4	20	Standard Symbols For Welding, Brazing, And Nondestructive Examination
4	A3.0M/A3.0	25	Standard Welding Terms And Definitions Including Terms For Adhesive Bonding, Brazing, Soldering, Thermal Cutting, And Thermal Spraying
5	A4.2M	20	Standard Procedures For Calibrating Magnetic Instruments To Measure The Delta Ferrite Content Of Austenitic And Duplex Ferrite- Austenitic Stainless Steel Weld Metal.
6	A4.3	25	Standard Methods For Determination Of The Diffusible Hydrogen Content Of Martensitic, Bainitic, And Ferritic Steel Weld Metal Produced By Arc Welding
7	A4.4M	01R16	Standard Procedures For Determination Of Moisture Content Of Welding Fluxes And Welding Electrode Flux Coverings
8	A4.5M/A4.5	20	Standard Methods For Calibration Testing Of Potential Capacity And Root Penetration Of Welding Consumables In A Fillet Weld.
9	A5.01M/A5.01	19	Welding And Brazing Consumables , Procurement Of Filler Materials And Fluxes
10	A5.02/A5.02M	25	Specification For Filler Metal Standard Sizes, Packaging, And Physical Attributes
11	A5.1/A5.1M	26	Specification For Carbon Steel Electrodes For Shielded Metal Arc Welding
12	A5.10/A5.10M	23	Specification For Bare Aluminum And Aluminum-Alloy Welding Electrodes And Rods
13	A5.11/A5.11M	25	Specification For Nickel And Nickel-Alloy Welding Electrodes For Shielded Metal Arc Welding
14	A5.12/A5.12M	24	Specification For Tungsten And Tungsten Alloy Electrodes For Arc Welding And Cutting
15	A5.13	21	Specification For Surfacing Electrodes For Shielded Metal Arc Welding
16	A5.14/A5.14M	26	Specification For Nickel And Nickel-Alloy Bare Welding Electrodes And Rods
17	A5.15	23	Specification For Welding Electrodes And Rods For Cast Iron
18	A5.16/A5.16M	23	Specification For Titanium And Titanium-Alloy Welding Electrodes And Rods
19	A5.17/A5.17M	25	Carbon Steel Electrodes And Fluxes For Submerged Arc Welding, Specification For
20	A5.18/A5.18M	25	Specification For Carbon Steel Electrodes And Rods For Gas Shielded Arc Welding
21	A5.19-92	23	Specification for Magnesium Alloy Welding Electrodes and Rods
22	A5.2/A5.2M	25	Specification For Carbon And Low-Alloy Steel Rods For Oxyfuel Gas Welding
23	A5.20/A5.20M	21	Carbon Steel Electronics For Flux Cored Arc Welding
24	A5.21/A5.21M	24	Specification For Bare Electrodes And Rods For Surfacing
25	A5.22/A5.22M	12	Specification For Stainless Steel Electrodes For Flux Cored Arc Welding And Stainless Steel Flux Cored Rods For Gas Tungsten Arc Welding
26	A5.23/A5.23M	25	Low Alloy Steel Electrodes And Fluxes For Submerged Arc Welding
27	A5.24/A5.24M	23	Specification For Zirconium And Zirconium-Alloy Welding Electrodes And Rods
28	A5.25/A5.25M	23	Specification For Carbon And Low Alloy Steel Electrodes And Fluxesfor Electroslag Welding
29	A5.26/A5.26M	20	Specification For Carbon And Low-Alloy Steel Electrodes For Electrogas Welding.
30	A5.28/A5.28M	26	Specification Low-Alloy Steel Electrodes And Rods For Gas Shielded Arc Welding
31	A5.29/A5.29M	26	Specification For Low-Alloy Steel Electrodes For Flux Cored Arc Welding
32	A5.3/A5.3M	23	Specification For Aluminum And Aluminum-Alloy Electrodes For Shielded Metal Arc Welding
33	A5.30/A5.30M	7	Specification For Consumable Inserts
34	A5.31M/A5.31	22	Specification For Fluxes For Brazing And Braze Welding
35	A5.32/A5.32M	21	Welding Consumables -- Gases And Gas Mixtures For Fusion Welding And Allied Processes
36	A5.34/A5.34M	26	Specification For Nickel-Alloy Flux Cored And Metal Cored Electrodes
37	A5.35/A5.35M	15	Specificaiton For Covered Electrodes For Underwater Wet Shielded Metal Arc Welding
38	A5.39/A5.39M	26	Specification For Flux And Electrode Combinations Forsubmerged Arc And Electroslag And Surfacing Of Stainless Steel And Nickel Alloys.

AWS Sustaining Company Member / Section Library Publication List

The following is a list of publications offered as a part of the AWS Sustaining Company Member and AWS Section library.

Revised 10/27/2026

	Publication Number	Rev	Title
39	A5.4/A5.4M	12	Specification For Stainless Steel Electrodes For Shielded Metal Arc Welding
40	A5.5/A5.5M	14	Low-Alloy Steel Electrodes For Shielded Metal Arc Welding
41	A5.6/A5.6M	26	Covered Copper & Copper Alloy Arc Welding Electrodes
42	A5.7/A5.7M	26	Specification For Copper And Copper Alloy Bare Welding Rods And Electrodes
43	A5.8/A5.8M	26	Specification For Filler Metals For Brazing And Braze Welding
44	A5.9/A5.9M	22	Specification For Bare Stainless Steel Welding Electrodes And Rods
45	A9.5	13	Guide For Verification And Validation In Computation Weld Mechanics
46	ANSI Z49.1:2021	21	Safety in Welding Cutting, and Allied Processes
47	B1.10M/B1.10	16	Guide For The Nondestructive Examination Of Welds
48	B1.11M/B1.11	15	Guide For The Visual Examination Of Welds (Aws B1.11)
49	B2.1/B2.1M	26	Specification For Welding Procedure And Performance Qualification
50	B2.2/B2.2M	26	Brazing Procedure And Performance Qualification
51	B2.3/B2.3M	26	Specification For Soldering Procedure And Performance Qualification
52	B2.4	12	Specification For Welding Procedure And Performance Qualification For Thermoplastics
53	B2.5/B2.5M	21	Specification for Measurement of Welding Power Source Output for Calculation of Welding Procedure Heat Input
54	B4.0	16	Standard Methods For Mechanical Testing Of Welds
55	B5.1	25	Specification For The Qualification Of Welding Inspectors
56	B5.14	09	Specification For The Qualification Of Welding Sales Representatives
57	B5.15	10	Specification For The Qualification Of Radiographic Interpreters
58	B5.16	06	Specification For The Qualification Of Welding Engineers
59	B5.17	25 AMD1	Specification For The Qualification Of Welding Fabricators
60	B5.2	26	Specification For The Training, Qualification, And Company Certification Of Welding Inspector Specialistss And Welding Inspector Assistants
61	B5.31	26	Specification for the Qualification of B31 Owner's Inspector
62	B5.4	25	Specification For The Qualification Of Welder Test Facilities
63	B5.5	11	Specification For The Qualification Of Welding Educators
64	B5.9	6	Specification For The Qualification Of Welding Supervisors
65	C1.1M/C1.1	19	Recommended Practices For Resistance Welding
66	C1.4M/C1.4	25	Specification For Resistance Welding Of Carbon And Low-Alloy Steels
67	C1.5	19	Specification For The Qualification Of Resistance Welding Technicians
68	C2.16/C2.16M	17	Guide For Thermal-Spray Operator Qualification
69	C2.18	93R01	Guide For The Protection Of Steel With Thermal Sprayed Coatings Ofaluminum And Zinc And Their Alloys And Composites
70	C2.19M/C2.19	23	Specification For The Application Of Thermal Spray Coatings To Machine Elements For Oem And Repair
71	C2.20/C2.20M	16R25	Specification For Thermal Spraying Zinc Anodes On Steel Reinforced Concrete
72	C2.21M/C2.21	15	Specification For Thermal Spray Equipment Acceptance Inspection
73	C2.23M/C2.23	18	Specification For The Application Of Thermal Spray Coatings (Metallizing) Of Aluminum, Zinc, And Their Alloys And Composites For The Corrosion Protection Of Steel
74	C2.25/C2.25M	12R26	Specification For Thermal Spray Feedstock - Wire And Rods
75	C2.26/C2.26M	25	Specification for Thermal Spray Powder
76	C3.11M/C3.11	24	Specification For Torch Soldering

AWS Sustaining Company Member / Section Library Publication List

The following is a list of publications offered as a part of the AWS Sustaining Company Member and AWS Section library.

Revised 10/27/2026

	Publication Number	Rev	Title
77	C3.12M/C3.12	17	Specification For Furnace Soldering
78	C3.13M/C3.13	26	Specification for Controlled Atmosphere Brazing (CAB) of Aluminum
79	C3.14M/C3.14	2020	STANDARD METHOD FOR EVALUATION OF BRAZED JOINTS USING VISUAL AND METALLOGRAPHIC TECHNIQUES
80	C3.15M/C3.15	26	Standard Methods for Evaluating the Strength of Soldered Joints
81	C3.2M/C3.2	19	Standard Method For Evaluating The Strength Of Brazed Joints
82	C3.3	26	Recommended Practices For The Design, Manufacture, And Examination Of Critical Brazed Components
83	C3.4M/C3.4	26	Specification For Torch Brazing
84	C3.5M/C3.5	26	Specification For Induction Brazing
85	C3.6M/C3.6	26	Specification For Furnace Brazing
86	C3.7M/C3.7	11R22	Specification For Aluminum Brazing
87	C3.8M/C3.8	20	Specification For The Ultrasonic Examination Of Brazed Joints
88	C3.9M/C3.9	20	Specification For Resistance Brazing
89	C4.2/C4.2M	17	Recommended Practices For Safe Oxyfuel Gas Cutting Torch Operation
90	C4.3/C4.3M	18	Recommended Practices For Oxyfuel Gas Heating Torch Operation
91	C4.4/C4.4M	7	Recommended Practices For Heat Shaping And Straightening With Oxyfuel Gas Heating Torches
92	C4.5M	12	Uniform Designation System For Oxyfuel Nozzles
93	C4.6M	06R12	Thermal Cutting - Classification Of Thermal Cuts - Geometric Product Specification And Quality Tolerances
94	C4.7/C4.7M	20	Recommended Practices for Oxyacetylene Welding of Steel
95	C4.9/C4.9M	25	Recommended Practices for Oxyacetylene Cutting of Steel
96	C6.1	89R09	Recommended Practices For Friction Welding
97	C6.2/C6.2M	21	Specification For Friction Welding Of Metals
98	C7.1M/C7.1	13	Recommended Practices For Electron Beam Welding
99	C7.2M	10	Recommended Practices For Laser Beam Welding, Cutting, And Drilling
100	C7.3	16	Process Specification For Electron Beam Welding
101	C7.4/C7.4M	17 AMD1	Process Specification And Operator Qualification For Laser Beam Welding
102	C7.6M/C7.6	17	PROCESS SPECIFICATION AND OPERATOR QUALIFICATION FOR LASER HYBRID WELDING
103	D1.1/D1.1M	25 AMD 1	Structural Welding Code-Steel
104	D1.2/D1.2M	26	Structural Welding Code-- Aluminum
105	D1.3/D1.3M	25	Structural Welding Code-Sheet Steel
106	D1.4/D1.4M	18	Structural Welding Code—Steel Reinforcing Bars
107	D1.5M/D1.5	25	Bridge Welding Code
108	D1.6/D1.6M	17	Structural Welding Code - Stainless Steel (Aws D1.6)
109	D1.7/D1.7M	24	Guide For Strengthening And Repairing Existing Structures
110	D1.8/D1.8M	25	Structural Welding Code - Seismic Supplement
111	D1.9/D1.9M	15	Structural Welding Code - Titanium
112	D10.10/D10.10M	21	Recommended Practices For Local Heating Of Welds In Piping And Tubing
113	D10.11M/D10.11	7	Recommended Practices For Root Pass Welding Of Pipe Without Backing
114	D10.12M/D10.12	00	Guide For Welding Mild Steel Pipe

AWS Sustaining Company Member / Section Library Publication List

The following is a list of publications offered as a part of the AWS Sustaining Company Member and AWS Section library.

Revised 10/27/2026

	Publication Number	Rev	Title
115	D10.13/D10.13M	1	Recommended Practices For The Brazing Of Copper Tubing And Fittings For Medical Gas Systems
116	D10.14M/D10.14	10	Guide For Multipass Orbital Machine Pipe Groove Welding
117	D10.18M/D10.18	18	Guide For Welding Ferritic/Austenitic Duplex Stainless Steel Piping And Tubing
118	D10.4M/D10.4	23	Guide for Welding Austenitic Stainless Steel Piping and Tubing
119	D10.6/D10.6M	0	Recommended Practices For Gas Tungsten Arc Welding Of Titanium Piping And Tubing
120	D10.7M/D10.7	8	Guide For Gas Sheilded Arc Welding Of Aluminum And Aluminum Alloy Pipe
121	D10.8	96	Recommended Practices For Welding Of Chromium-Molybdenum Steel Piping And Tubing
122	D10.22/D10.22M	21	Specification for Local Heating of Welds in Creep Strengtg-Enhanced Ferritic Steels in Piping and Tubing using Electric Resistance Heating
123	D11.2	25	Guide For Welding Iron Castings
124	D14.0/D14.0M	24	Machinery and Equipment Specification
125	D14.6/D14.6M	12	Specification For Welding Of Rotating Elements Of Equipment
126	D14.7/14.7M	5	Recommended Practices For Surfacing And Reconditioning Of Industrial Mill Rolls
127	D14.8	09	Standard Methods For The Avoidance Of Cold Cracks
128	D14.9/D14.9M	26	Specification For The Welding Of Hydraulic Cylinders
129	D15.1/D15.1M AMD1	25	Railroad Welding Specification For Cars And Locomotives
130	D15.2/D15.2M	22	Specification for Joining Railroad Rail and Related Rail Components
131	D15.3/D15.3M	26	Specification for Resistance Welding for Railroad Applications
132	D16.1M/D16.1	26	Specification For Robotic Arc Welding Safety
133	D16.2M/D16.2	21	Guide For Components Of Robotic And Automatic Arc Welding Installations
134	D16.3M/D16.3	26	Risk Assessment Guide For Robotic Arc Welding
135	D16.4M/D16.4	15	Specification For The Qualification Of Robotic Arc Welding Personnel
136	D16.5M/D16.5	21	Training Guide for Robotic Arc Welding Personnel
137	D16.6M/D16.6	18	Specification For Robot Arc Welding Training And Testing Cell
138	D17.1/D17.1M AMD2	19	Specification For Fusion Welding For Aerospace Applications
139	D17.2/D17.2M	19	Specification For Resistance Welding For Aerospace Applications
140	D17.3/D17.3M	21	Specification For Friction Stir Welding Of Aluminum Alloys For Aerospace Applications
141	D18.1/D18.1M	20	This Specification Provides The Requirements For Welds In Tubing Systems In Dairy And Other Food Processing Plants. The Document Addresses Qualifications, Fabrication, Extent Of Visual Examination, Acceptance Criteria, And Documentation Requirements
142	D18.3/D18.3M	15	Specification For Welding Of Tanks, Vessels, And Other Equipment In Sanitary (Hygienic) Applications
143	D20.1/D20.1M	19	Specification For Fabrication Of Metal Components Using Additive Manufacturing
144	D3.5	93R00	Guide For Steel Hull Welding
145	D3.6M	17	Specification For Underwater Welding
146	D3.7	4	Guide For Aluminum Hull Welding
147	D3.9/D3.9M	19	Specification For Classification Of Weld-Through Paint Primers
148	D8.14M	26	Specification for Automotive Welding Quality Arc Welding of Aluminum
149	D8.1M	21	Specification For Automotive Weld Quality - Resistance Spot Welding Of Steel
150	D8.2M	26	Specification For Automotive Weld Quality - Resistance Spot Welding Of Steel
151	D8.8M	21	Specification For Automotive For Automotive Weld Quality - Arc Welding Of Steel
152	D8.9M	21R22	Test Methods for Evaluating the Resistance Spot Welding Behavior of Automotive Sheet Steel Materials

AWS Sustaining Company Member / Section Library Publication List

The following is a list of publications offered as a part of the AWS Sustaining Company Member and AWS Section library.

Revised 10/27/2026

	Publication Number	Rev	Title
153	D8.10M	21	Specification for Automotive Weld Quality-Laser Beam Welding of Steel
154	D9.1M/D9.1	26	Sheet Metal Welding Code
155	F1.1M	18	Method For Sampling Airborne Particulates By Welding And Allied Process
156	F1.2	13 R2023	Laboratory Method For Measuring Fume Generation Rate And Total Fume Emission Of Welding And Allied Processes
157	F1.3M	06	A Sampling Strategy Guide For Evaluating Contaminants In The Welding Environment
158	F1.5M	3	Methods For Sampling And Analyzing Gases From Welding And Allied Processes
159	F1.6	17	Guide For Estimating Welding Emissions For Epa And Ventilation Permit Reporting
160	F2.3M	19	Specification For Use And Performance Of Transparent Welding Curtains And Screens
161	F3.2M/F2.3	18	Ventilation Guide For Weld Fume
162	F4.1	17	Recommended Safe Practices For The Preparation Of Containers And Piping For Welidng, Cutting And Allied Processes
163	F4.2	20	This Document Provides Guidance On The Safe And Proper Selection Of Welding Cables. This Includes Identifying Specific Criteria Including Minimum Copper Content, Gauge Sizing, Electrical Performance And Resistance For Welding Cable Sizes.
164	G1.10M	16	Guide For The Evaluation Of Hot Gas, Hot Gas Extrusion, And Heatedtool Butt Thermoplastic Welds. In 2016, Name Of Pub Listed As Guide For The Evaluation Of Thermoplastic Welds
165	G1.1M/G1.1	06	Guide To Ultrasonic Assembly Of Thermoplastics
166	G1.2M/G1.2	99R10	Specification For Standardized Ultrasonic Welding Test Specimen For Thermoplastics
167	G1.6	22	Specification For The Qualification Of Plastics Welding Inspectors For Hot Gas, Hot Gas Extrusion , And Heated Tool Butt Thermoplastic Welds
168	G2.1M/G2.1	12	Guide For The Joining Of Wrought Nickel-Based Alloys
169	G2.3M/G2.3	19	Guide For The Joining Of Solid Solution Austenitic Stainless Steels
170	G2.4/G2.4M	21	Guide For The Fusion Welding Of Titanium And Titanium Alloys
171	G2.5/G2.5M	12	Guide For The Fusion Welding Of Zirconium And Zirconium Alloys
172	J1.1M/J1.1	13	Specification For Resistance Welding Controls
173	J1.2M/J1.2	16	Guide To Installation And Maintenance Of Resistance Welding Machines
174	J1.3/J1.3M	20	Specification for Materials Used in Resistance Welding Electrodes and Tooling