

## Welder Certification Tests

**All tests are in the 6G position unless indicated otherwise in the Special Notes column.**

Weld Test	Process	Pipe Coupon Size	Filler Metals	Special Notes
UA-1	SMAW	6" Sch. 40	E6010	Downhill Welding
UA-2	SMAW	6" Sch. 40	E6010 / E7018	—
UA-3A	GTAW & SMAW	6" XXS	ER80S-B6 / E8018-B6	5% Chrome Test
UA-5	GTAW & SMAW	6" Sch. 40	ER70S-2 / E7018	—
UA-6	GTAW & SMAW	2" XXS	ER70S-2 / E7018 / E309	—
UA-8	SMAW	2" Sch. 80	E6010 / E7018	—
UA-9T	GTAW & SMAW	6" XXS	ER70S-2 / E7018	—
UA-10	GTAW & SMAW	2" Sch. 80	ER70S-2 / E7018	—
UA-11	GTAW & SMAW	6" Sch. 80	ER70S-2 / E7018	—
UA-12	GMAW-S	6" XXS	ER70S-6	GMAW-Short Circuiting Mode
UA-12W	GMAW-S	6" Sch. 80	ER70S-6	GMAW-Short Circuiting Mode
UA-13	GTAW	3/8" Sch. 10	none	Manual Fusion
UA-14	GTAW	2" Sch. 10	none	Manual Fusion
UA-15	GTAW	2" Sch. 80	ER70S-2	—
UA-16	GTAW	1/2" Sch. 80	ER70S-2	Very small diameter
UA-17	GMAW-S & FCAW	6" XXS	ER70S-6 / E71-T1	GMAW-Short Circuiting Mode
UA-17W	GMAW-S & FCAW	6" Sch. 80	ER70S-6 / E71-T1	GMAW-Short Circuiting Mode
UA-18	SMAW	2" Sch. 160	E7018	—
UA-18A	GTAW	Optional sizes	none	Automatic Orbital Welding
UA-19	SMAW	2" Sch. 160	E6010 / E7018	—
UA-21	SMAW	2" XXS	E6010 / E7018	—
UA-22	GTAW & SMAW	2" XXS	ER70S-2 / E7018	—
UA-23	SMAW	6" XXS	E6010 / E7018	—
UA-24	SMAW	6" Sch. 120	E6010 / E7018	—
UA-25	GTAW	2" XXS	ER70S-2	—
UA-26	GTAW & SMAW	2" Sch. 160	ER70S-2 or 3 / E7018	—
UA-27	GMAW-S	6" Sch. 80	ER70S-6	Root-down / Balance-up
UA-28	SMAW	6" Sch. 80	E6010 / E7018	—
UA-30	GMAW-S & FCAW	6" Sch. 80	ER70S-6 / E71-T1	IG Rolled Test
UA-31B	GTAW	6" Sch. 40	ER5356	Aluminum Test - chill ring
UA-31J	GTAW	6" Sch. 40	ER5356	Aluminum Test - J Bevel
UA-32	SMAW	6" Sch. 80	E6010	—
UA-33	GTAW	2" Sch. 40	ER NiCrMo-10	Nickel Alloy Test
UA-34	GTAW	2" Sch. 10	ER NiCrMo-10	Nickel Alloy Test
UA-41	GTAW	2" Sch. 80	ER309	Stainless Test
UA-42	GTAW & SMAW	2" XXS	ER309 / E309-16	Stainless Test
UA-43	GTAW & SMAW	6" XXS	ER309 / E309-16	Stainless Test
UA-44	GTAW	10" Sch. 100	ER309	Narrow Groove Test
UA-45	GTAW	2" Sch. 10	ER308	Stainless Test
UA-46	SMAW	2" Sch. 160	E309-17 or 16	Stainless Test
UA-47	GTAW	6" Sch. 80	ER70S-6	Machine Welding
UA-48	GTAW	10" Sch. 100	ER309	Remote Video control
UA-49	GTAW	6" Sch. 80	ER70S-2 & ER70S-6	Manual & Machine Welding
UA-50	Brazing	3/4" Tube	BCuP 3 thru 7	Manual Torch Brazing
UA-51	Brazing	1 1/2" Tube	BCuP 3 thru 7	Manual Torch Brazing
UA-60	SMAW	2 3/4" O.D.	E6010 / E7018	Super Coupon Test
UA-61	GTAW & SMAW	2 3/4" O.D.	ER309 / E309-16	Super Coupon Test
UA-62	GTAW & SMAW	2 3/4" O.D.	ER70S-2 / E309-16	Super Coupon Test
UA-63	GTAW & SMAW	2 3/4" O.D.	ER70S-2 / E7018	Super Coupon Test
UA-64	SMAW	2 3/4" O.D.	E7018	Super Coupon Test
UA-65	GMAW	2 3/4" O.D.	E70C-6C	Metal Core - IG Rolled Test
UA-70	SMAW	2" pipe & 3/16" plate	E7018	Structural Steel Fillet Weld Test
UA-91	GTAW & SMAW	2" XXS	ER90S-B9 / E9018-B9	9% Chrome Test
UA-92	GTAW	2" Sch. 40	ERTi-2	Titanium Test