

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

The Master Agreement (2017-2026) for the Plumbing and Piping Industry of Southern California between California Plumbing and Mechanical Contractors Association and Southern California Pipe Trades District Council No. 16 of the United Association states 5.9.1 **Effective September 1, 2018**, all Book 1 and Book 2 Journeymen must annually complete **ten (10) hours** of approved journeymen training as a condition of new or continuing employment. **Effective September 1, 2020** the annual training requirement shall increase to **fifteen (15) hours**. **Effective September 1, 2022** the annual training requirement shall increase to **twenty (20) hours**. The Union and Contractors Association, working with the Southern Pipe Trades Apprentice and Journeymen Training Trust, shall establish approved classes, seminars, instruction and other types of training for purposes of satisfying the requirements hereunder.

Priority Classes

- | | |
|---------------------------------|---------------|
| 1. Sexual Harassment Prevention | 2 hours |
| 2. Competent Person | 8 hours |
| 3. First Aid/CPR | 8 hours |
| 4. Cal/OSHA 10 | 10 hours |
| 5. Foreman Training | 10 hours |
| 6. High Hazard Facility Safety | 20 hours |
| 7. Cal/OSHA 30 | 30 hours |
| 8. A&J Journeymen classes | length varies |
| 9. ClickSafety – 4 approved | length varies |
| 10. CPMCA classes | length varies |
| 11. Blend Class* | length varies |

*Blend class will consist of a combination of classes, determined by A&J and varying by date and location.

Effective September 1, 2018	Effective September 1, 2020	Effective September 1, 2022
10 HOURS REQUIRED ANNUALLY <i>Excess hours over the ten hours completed from January 1, 2018 to August 31, 2019 will only be allowed to carry over to the 2019-2020 fiscal year</i>	15 HOURS REQUIRED ANNUALLY	20 HOURS REQUIRED ANNUALLY

The following courses have been approved by Labor and Management for the required annual journeymen upgrade training. (**Note:** Actual course hours may vary from the approved credit hours. Course hours may be more hours than the annual required hours).

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

Members must attend **all** hours of training, pass the certification test or pass any non-certification course with a 70% or better and pass the UA weld test when taking a UA weld test toward their required annual JUT hours. Members taking the same course/courses each year will not qualify for the required minimum annual training hours. The same course/courses may be retaken when a certification is due to expire within that year. Courses offered through A&J must be requested on the A&J website at www.ajtraining.org. Courses offered through CPMCA must be requested on the CPMCA website at www.cpmca.org.

Non-compliance with the MLA annual JUT requirement will result in notification sent to members' home local and contractor/employer. Member will be removed from employment with contractor/employer and will be ineligible for Book 1 and Book 2 list.

Procedure for submitting training outside of approved course list:

- Journeyman must submit an email to the Journeymen Upgrade Administrator (JUA) for any course not currently listed as approved training. These requests will be evaluated by the JUA to determine if the training will be accepted. Past credit will be given for any approved courses completed after January 1, 2018. Requirements include:
 - Course must pertain in some manner to the piping industry
 - Description of course/presentation material and instructor name
 - Location and dates of course
 - Legible sign-in sheet
- Non-A&J courses offered at a Local Union or Contractor's Office/Shop must be pre-approved by the JUT Committee. The JUA may need to be onsite during training to confirm training has been completed.

A&J Journeymen Courses	
Asbestos Awareness	16 hours
Asbestos Awareness Recertification	8 hours
Backflow Prevention	48 hours
Basic Computers	32 hours
CAD I	32 hours
CAD II	32 hours
CAD III	32 hours
Cal/OSHA 10	11 hours
Cal/OSHA 30	32 hours
Clean Room/Orbital Welding	32 hours
Competent Person	8 hours
Confined Spaces	16 hours
Crane Signal Person Recertification	8 hours
First Aid/CPR	8 hours
Forklift Training	8 hours
Green Awareness	16 hours
Green Awareness Systems Awareness Certification	24 hours
High Hazard Facility Safety Training	20 hours
Industrial Pipefitter Refinery	24 hours

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

A&J Journeymen Courses (continued)	
Medical Gas Installer	32 hours
Medical Gas Recertification	4 hours
Mine Safety & Health Administration (MSHA)	24 hours
Mine Safety & Health Administration (MSHA) Refresher	8 hours
NITC Fitter Certification	32 hours
NITC Plumber Certification	32 hours
Pipeline Safety	16 hours
Rigging Techniques	32 hours
S&R – Basic Electricity Part II	8 hours
S&R – Basic Heating (Wall & Floor, Direct Vent) Installation, TS and Repair	8 hours
S&R – Faucet & Shower Valve Installation and Repair	8 hours
S&R – Pumps Installation & Troubleshooting	8 hours
S&R – Residential Tank Water Heaters	8 hours
S&R – Sewer Machines, Cameras & Line Locations	8 hours
S&R – Takagi Tankless Water Heater Training & Basic Electricity Part I	8 hours
S&R – Tankless Water Heater Installation & Repair	8 hours
S&R – Toilets	8 hours
S&R – Water Heater Repair	8 hours
Trimble & Sokkia Robotic Total Training Station	24 hours
Tube Bending	16 hours
UA Rigging Recertification	4 hours
Valves Certification Refresher	8 hours

ClickSafety Courses	
Cal/OSHA 10-hour Construction Safety Course (\$50)	10 hours
OSHA 30-hour Construction Safety Course	30 hours
Sexual Harassment Prevention	3 hours
Silica Exposure in Construction R2	1 hour

CPMCA Courses

*CPMCA courses change every 6 months. All CPMCA courses listed qualify for Journeyman Upgrade Training hours. If you would like to register for a CPMCA class, please contact your employer.

Computer Skills & Technology	
Bluebeam	8 hours
MS Excel – Parts 1, 2 and 3	8 hours each
MS Project – Parts 1 and 2	8 hours each
Foreman	
A Foreman’s Guide to Developing Your Workforce – Parts I and II	8 hours each
How to Be an Effective Foreman	8 hours
Six Habits of the Highly Effective Foreman	8 hours

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

Management	
California Construction Law Essentials	4 hours
Employment Law Update & New CA Laws that Impact the Employer	4 hours
People Management/Skills	
Best Kept Secrets of Successfully Managing Employees	8 hours
Dealing with Difficult People in Construction	8 hours
Developing Your Emotional Intelligence	8 hours
It's About TIME	8 hours
Mastering the 8 Tenets of Values-Based	6 hours
Speak to Persuade	8 hours
Project Management	
Maximizing Productivity Utilizing a Best-In-Class Prefab System	6 hours
Project Engineering Basics in Construction Project Manager/Foreman Training Series	6 hours
Project Managers Impact on Financial Outcomes	6 hours
Project Manager/Foreman Training Series	
Project Manager/Foreman Training Series 1 & 2, 3 & 4 and 5 & 6 <i>(Offered as five (5) 2-day classes)</i>	12 hours per 2 days
Sales/Service/Safety	
First Aid/Adult & Infant CPR	8 hours
Sexual Harassment Prevention Training	8 hours

UA Weld Tests

Only successful completion of the weld test qualifies for JUT mandate. Hours vary from one (1) to five (5) hours per test. Gate tests do not qualify for JUT hours. Continuities qualify for a reduced number of hours and only if tested at an A&J Training Center. Continuity for the same UA Weld Test will not qualify over multiple years. Please click [here](#) for UA Weld Test information.

For more information or clarification, please contact Jaime Clark, JUT Administrator at (213) 382-5255 ext. 225 or JUT@ajtraining.org.

*Policies, regulations, procedures, and fees are subject to change without prior notice.

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

UA Weld Tests

Qualify for the maximum number of hours as indicated on the weld test specification page for each test.

Only successful completion of the weld test qualifies for JUT mandate.

Weld Test	Process	Pipe Coupon Size	Wall Thickness	Filler Metals	Special Notes	Max Time to Complete
SS-1	Solder	1-1/2" Tube	-	ASTM B32 Solder	Solder Test	1 hour
UA-R1	GTAW	2" Sch. 80	.218"	ER309	Requalification	2 hours
UA-R2	SMAW	6" Sch. 80	.432"	E6010 / E7018	Requalification	3 hours
UA-R3	GTAW	2" Sch. 80	.218"	ER70S-6	Requalification	2 hours
UA-1	SMAW	6" Sch. 40	.280"	E6010	Downhill Weld	2 hours
UA-2	SMAW	6" Sch. 40	.280"	E6010 / E7018	-	2 hours
UA-3A	GTAW & SMAW	6" XXS	.864"	ER80S-B6 / E8018-B6	5% Chrome Test	6 hours
UA-5	GTAW & SMAW	6" Sch. 40	.280"	ER70S-2 / E7018	-	2 hours
UA-6	GTAW & SMAW	2" XXS	.436"	ER70S-2 / E7018 / E309	-	6 hours
UA-8	SMAW	2" Sch. 80	.218"	E6010 / E7018	-	3 hours
UA-9T	GTAW & SMAW	6" XXS	.864"	ER70S-2 / E7018	-	6 hours
UA-10	GTAW & SMAW	2" Sch. 80	.218"	ER70S-2 / E7018	-	3 hours
UA-11	GTAW & SMAW	6" Sch. 80	.432"	ER70S-2 / E7018	-	4 hours
UA-12	GMAW-S	6" XXS	.864"	ER70S-6	-	5 hours
UA-12W	GMAW-S	6" Sch. 80	.432"	ER70S-3 or 6	-	4 hours
UA-13	GTAW	3/8" Sch. 10	.065"	-	Manual Fusion	2 hours
UA-14	GTAW	2" Sch. 10	.109"	-	Manual Fusion	2 hours
UA-15	GTAW	2" Sch. 80	.218"	ER70S-2	-	2 hours
UA-16	GTAW	1/2" Sch. 80	.147"	ER70S-2	Very small diameter	3 hours
UA-17	GMAW & FCAW	6" XXS	.864"	ER70S-6 / E71-T1	-	5 hours
UA-17W	GMAW & FCAW	6" Sch. 80	.432"	ER70S-6 / E71-T1	-	4 hours
UA-18	SMAW	2" Sch. 160	.344"	E7018	-	4 hours
UA-18A	GTAW	0.75" O.D.	.065"	-	Automatic Orbital Weld	3 hours
UA-19	SMAW	2" Sch. 160	.344"	E6010 / E7018	-	4 hours
UA-20	FCAW	6" Sch. 80	.432"	E71-T1	Using Backing Ring	3 hours
UA-21	SMAW	2" XXS	.436"	E6010 / E7018	-	3 hours
UA-22	GTAW & SMAW	2" XXS	.436"	ER70S-2 / E7018	-	3 hours
UA-23	SMAW	6" XXS	.864"	E6010 / E7018	-	6 hours
UA-24	SMAW	6" Sch. 120	.562"	E6010 / E7018	-	5 hours
UA-25	GTAW	2" XXS	.436"	ER70S-2	-	5 hours
UA-26	GTAW & SMAW	2" Sch. 160	.344"	ER70S-2 or 3 / E7018	-	3 hours
UA-27	GMAW	6" Sch. 80	.432"	ER70S-6	Root-down / Balance-up	4 hours
UA-28	SMAW	6" Sch. 80	.432"	E6010 / E7018	-	4 hours

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

UA Weld Tests (continued)						
Weld Test	Process	Pipe Coupon Size	Wall Thickness	Filler Metals	Special Notes	Max Time to Complete
UA-29	SMAW	6" Sch. 80	.432"	E6010 / E7018	Restrained Access Test	4 hours
UA-30	GMAW & FCAW	6" Sch. 80	.432"	ER70S-6 – E71-T1	IG Rolled Test	2 hours
UA-31B	GTAW	6" Sch. 40	.280"	ER5356	Aluminum Test – chill ring	3 hours
UA-31J	GTAW	6" Sch. 40	.280"	ER5356	Aluminum Test – J bevel	3 hours
UA-32	SMAW	6" Sch. 80	.432"	E6010	-	4 hours
UA-33	GTAW	2" Sch. 40	.154"	ER NiCrMo-10	Nickel Alloy	3 hours
UA-34	GTAW	2" Sch. 10	.109"	ER NiCrMo-10	Nickel Alloy	3 hours
UA-35	GTAW	2" Sch. 80	.218"	ER NiCrMo-10	Nickel Alloy	3 hours
UA-36	GMAW & FCAW	2-3/4" O.D.	.625"	ER70S-6 / E71-T1	-	3 hours
UA-37	GTAW	6" Sch. 120	.562"	ER70S-6	Machine Weld	5 hours
UA-38	GTAW	2" Sch. 5	.065"	-	Manual Fusion	2 hours
UA-39	GMAW	6" Sch. 80	.432"	ER308Si	IG Rolled Test	4 hours
UA-41	GTAW	2" Sch. 80	.218"	ER309	Stainless Test	3 hours
UA-42	GTAW & SMAW	2" XXS	.436"	ER309 / E30-16	Stainless Test	4 hours
UA-43	GTAW & SMAW	6" XXS	.864"	ER309 / E30-16	Stainless Test	6 hours
UA-44	GTAW	10" Sch. 100	.719"	ER309	Narrow Groove	7 hours
UA-45	GTAW	2" Sch. 10	.109"	ER308	Stainless Test	3 hours
UA-46	SMAW	2" Sch. 160	.344"	E309-17 or 16	Stainless Test	4 hours
UA-47	GTAW	6" Sch. 80	.432"	ER70S-6	Machine Weld	5 hours
UA-48	GTAW	10" Sch. 100	.719"	ER309	Remote video control	6 hours
UA-49	GTAW	6" Sch. 80	.432"	ER70S-2 & ER70S-6	Manual & Machine Weld	6 hours
UA-50	Brazing	¾" Tube	.045"	BCup 2 thru 7	Manual Torch	2 hours
UA-51	Brazing	1-1/2" Tube	.060"	BCup 2 thru 7	Manual Torch	2 hours
UA-52	Brazing	1-1/2" Tube	.060"	BCup 2 thru 7	Brazer Qual Renewal Test	1 hour
UA-60	SMAW	2-3/4" O.D.	.625"	E6010 / E7018	-	5 hours
UA-61	GTAW & SMAW	2-3/4" O.D.	.625"	ER309 / E309-16	Stainless Test	5 hours
UA-62	GTAW & SMAW	2-3/4" O.D.	.625"	ER70S-2 / E309-16	-	5 hours
UA-63	GTAW & SMAW	2-3/4" O.D.	.625"	ER70S-2 / E7018	-	5 hours
UA-64	SMAW	2-3/4" O.D.	.625"	E7018	-	5 hours
UA-66	GTAW	2-3/4" O.D.	.625"	ER NiCr-3	Nickel Alloy	5 hours
UA-67	GTAW	2-3/4" O.D.	.625"	ER70S-2	-	5 hours
UA-68	SMAW	2-3/4" O.D.	.625"	E6010 / E7018	Root-down / Balance-up	5 hours
UA-69	GTAW & SMAW	2-3/4" O.D.	.625"	ER70S-2 – E7018	-	4 hours
UA-70	SMAW	2" pipe & 3/16" plate	.154"	E7018	Structural Steel Fillet Weld	2 hours

CPMCA & SOUTHERN CALIFORNIA PIPE TRADES D.C. 16
Annual Journeymen Upgrade Training (JUT)
10-hour/15-hour/20-hour

UA Weld Tests (continued)						
Weld Test	Process	Pipe Coupon Size	Wall Thickness	Filler Metals	Special Notes	Max Time to Complete
UA-71	GMAW	6" Sch. 80	.432"	ER70S-3 or 6	Short Arc Room/Spray or Pulse Fill	4 hours
UA-72	GMAW	6" Sch. 80	.432"	ER70S-2 or 3	IG Rolled Test	3 hours
UA-73	SMAW	6" Sch. 80	.432"	E6010 / E7018	Flip Flop Test (2G & 5G)	4 hours
UA-74	GTAW	6" Sch. 10	.134"	ER308L or ER316L	Stainless Orb. Machine Weld	5 hours
UA-75	GTAW	6" Sch. 10	.134"	ER308L or ER316L	Stainless Orb. Machine Weld	5 hours
UA-76	SMAW	2" XXS	.436"	E6010 / E7018	Two Coupons (2G & 5G)	4 hours
UA-77	GTAW & SMAW	10" Sch. 160	1.125"	ER70S-2 / E7018	LU responsible for coupon cost	8 hours
UA-78	GTAW & SMAW	2-3/4" O.D.	.625"	ERNiCr-3 / ENiCr-3	Nickel Alloy	4 hours
UA-79	GMAW	6" Sch. 80	.432"	ER70S-3 or 6	90% Argon / 10% CO2	3 hours
UA-80	GTAW	6" Sch. 80	.432"	ER70S-6 or ER309	"Tip-Tig" Hot Wire Process	3 hours
UA-81	SMAW	2" XXS	.436"	E7010-A1 / E7018-A1	-	3 hours
UA-85	GMAW	2-3/4" O.D.	.625"	ER70S-6	90% Argon / 10% CO2	4 hours
UA-86	GTAW & FCAW	6" Sch. 80	.432"	ER70S-2 or E71T-1	IG Rolled Test	2 hours
UA-87	SMAW	6" Sch. 80	.280"	E6010 / E7018	Two Coupons (2G & 5G)	4 hours
UA-91	GTAW & SMAW	2" XXS	.436"	ER90S-B9 / E9018-B9	9% Chrome Test	5 hours
UA-92	GTAW	2" Sch. 40	.154"	ERTi-2	LU responsible for coupon cost	3 hours
UA-93	GTAW	4" Sch. 5	.083"	-	Manual Fusion	2 hours
UA-94	GTAW & SMAW	2-3/4" O.D.	.625"	ER70S-2 / E7018	Restricted Access Test	5 hours
UA-99	SMAW	6" Sch. 80	.432"	E6010 / E7018	Two Coupons (2G & 5G)	4 hours
UA-100	SMAW	4" Sch. 80	.337"	E6010 / E7018	2G Only Test	4 hours
UA-101	GMAW & FCAW	6" XXS	.864"	ER70S-6 / E71T-1	Flip-Flop Test (2G & 5G)	5 hours
UA-102	GMAW & FCAW	8" Sch. 40	.322"	ER308LSi / E308LT1	Flip-Flop Test (2G & 5G)	3 hours
UA-103	GMAW & FCAW	6" Sch. 80	.432"	ER70S-6 / E71T-1	Two Coupons (2G & 5G)	3 hours