



List of Welding gear and hand tools for Certification Testing

Required for all welders testing:

1. Welding Helmet
2. Welding Jacket
3. Cotton Pants
4. Cotton Welding Hat
5. Safety Toe Work Boot
6. Earplugs
7. Safety Glasses
8. Clear Face Shield (required for grinding)
9. Work Gloves
10. Regular vise grip pliers for grabbing hot metal
11. Small focused beam LED inspection flashlight

Additional Welding Gear and Hand Tools for SMAW (stick) & Flux Core tests:

- a. Arc Welding Gloves
- b. Slag Hammer
- c. 3 vise-grip C Clamps with pads (one long reach clamp)
- d. One or Two grinders - **ALL GRINDERS MUST HAVE GUARDS**
 - a. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5) or similar
 - b. DEWALT 7 in 13-Amp Trigger Corded Angle Grinder (DEWALT # DW840) or similar
- e. Grinding wheels
- f. Wire Wheels
- g. MIG Pliers
- h. For pipe specific tests: pipe wedges for fit up, round telescopic mirror for root inspection

Additional Welding Gear and Hand Tools for GTAW (TIG) welding tests:

- i. TIG Welding Gloves
- ii. Tungsten Electrodes
- iii. Collet & Collet Body
- iv. #5, #6 & #7 Size Cups (or other preferred sizes) to fit over the collet body
- v. Small container of Acetone to clean material (not plastic)
- vi. Lint free cloth to clean material
- vii. For pipe or tube tests: Clamps for pipe or tubing

Additional Welding Gear and Hand Tools for GMAW (MIG) welding tests:

- a. MIG pliers
- b. MIG welding gloves
- h. 3 vise-grip C Clamps with pads (one long reach clamp)
- c. Ball Peen Hammer - 12 oz. size wood (for light gage sheet metal)
- d. Hand brush
- e. DEWALT 4-1/2 in 11 Amp Paddle Switch Corded Angle Grinder (DEWALT # 402W5) or similar
- f. Wire Wheels