

SkillsUSA 2025 Welding

The following welding tools and materials must be supplied by the contestants.

- Hearing and/or ear protection
- Welding helmet with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front. Auto darkening shields are permissible.
- Spare spatter and filter lenses/plates for arc welding helmet
- Pocket calculator
- Lead pencil and/or ballpoint pen
- Soap stone with holder
- Scribe with magnet
- Combination square set
- Tape measure
- Fillet weld gauge
- 16-ounce (.45 kilogram) ball peen hammer
- Center punch
- 10-inch (254 millimeters) vise grips
- 6-inch (152 millimeters) side cutting pliers or diagonal cutting pliers
- 6-inch (152 millimeters) needle nose pliers
- Chipping hammer with or without wire brush
- Stainless steel wire brush