

**Welding**  
**MO SkillsUSA 2019**  
**Tool List**

**Supplied by the contestant:**

- Hearing and/or ear protection
- Welding helmet with appropriate filter plate/lens and protective cover plate/lens for GTAW, GMAW, SMAW
- Auto darkening shields are permissible
- Spare spatter and filter lenses/plates for arc welding helmets and oxyacetylene goggles
- Soapstone with holder
- Scribe
- Combination square set
- 10-foot (3.1 meters) steel tape measure
- 16-ounce (.45 kilogram) ball peen hammer
- Center punch
- 10-inch (254 millimeter) vise grips
- 6-inch (152 millimeter) side cutting pliers or diagonal cutting pliers
- Chipping hammer with or without wire brush
- Stainless steel wire brush
- Compass
- Cutting goggles with #5 lens, striker, and tip cleaners
- Lead pencil
- One page, typewritten resume

**Pre-Contest and Contest:**

Date: Friday, April 5

Time: 8:00 a.m. – 5:00 p.m.

Pre-Contest Location: Welding Technology Center

Contest Locations: Welding Technology Center

**Remember to prepare for the Professional Development Program (PDP) Knowledge test!**