

**Welding Fabrication  
MO SkillsUSA 2022  
Tool List**

Supplied by the contestant:

1. Hearing and/or ear protection
2. Welding helmet with appropriate filter plate/lens and protective cover plate/lens. Auto darkening shields are permissible.
3. Oxy-fuel cutting goggles or glasses. Must be OSHA approved
4. Spare spatter and filter lenses/plates for arc welding helmet and oxy-fuel goggles
5. Pencil or ball point pen
6. Soap stone and/or paint pen
7. Scribe
8. Compass or other circle drawing device
9. Combination square set
10. Framing Square
11. Fillet weld gauge
12. Center Punch
13. Hand file
14. Chipping Hammer
15. Ball-peen Hammer
16. Wire brushes, both steel and stainless steel
17. Electric grinder with 1 grinding disc (no abrasive cleaning discs)
18. Tape measures for all team members
19. 3/4" Combination Wrench X 2
20. Slip Joint Pliers (1 Per Team Member)
21. Vise Gripping Pliers (Maximum of 3 per team) (Regular or C-Clamp type, short or long)
22. MIG Welding Pliers
23. Pencil for written test
24. One page, typewritten resume

**Welding Fabrication Pre-Contest & Contest Details:**

Date: Friday, April 8

Location: Welding Technology Center

**\*Group I: (PS = Post Secondary) (S=Secondary)**

**PS Teams: A**

**S Teams: A, B, C, D, E, F, G, H, I**

Pre-Contest & Contest Start Time: 8:00 a.m. – 12:00 p.m.

Pre-Contest/Contest Location: State Tech Welding Technology Center

**\*Group II: (S=Secondary)**

**S Teams: J, K, L, M, N, O, P, Q, R**

Pre-Contest & Contest Start Time: 1:00 p.m. – 5:00 p.m.

Pre-Contest/Contest Location: State Tech Welding Technology Center