

SkillsUSA Maryland 2023 State Championship Welding Fabrication Update

Each team must supply the following:

- Soapstone
- Scribe
- Combination square
- Fillet weld gauge
- Center Punch
- Wire cutters
- Tape Measure
- Chipping Hammer
- Wire brush
- 25 ft. Extension cord
- Striker
- Hammer
- Tip Cleaner
- Adjustable wrench
- Protractor for angles
- Pocket calculator
- Compass/dividers (drawing circles)
- Pencil
- 4" or larger C-clamps or 4" Vise Grip style
- 4 ½" Grinder and wheels

All contestants are required to have the proper safety attire, safety glasses, gloves, leather boots, dark cutting glasses or goggles and flame retardant jackets or shirt (leather or flame retardant cotton) *If contestants do not have all of the required safety attire, they will not be able to compete. Please be aware that in order for the students to work safely, there will no exceptions to the safety requirement. **All contestants will be required to dress professionally which includes shirts to be tucked into pants at all times and shoes/boots to be laced tightly.***

The welding equipment used will be Miller XMT 304 with Miller wire feeders.

Students will be challenged in the SMAW, GTAW, GMAW and OFC processes.