

# SkillsUSA Maryland State Championship 2022 Welding Fabrication Contest Update Plumber & Steamfitters Local 486 Saturday, April 2, 2022

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.

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