

SkillsUSA Maryland State Championship  
2018 Welding Fabrication Competition  
Saturday, April 14, 2018  
Plumbers and Steamfitters Local 486  
1201 66<sup>th</sup> Street  
Baltimore, MD 21237

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 1/2" 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.

Joe Vincent  
Earlbeck Gases & Technologies