



State Welding Fabrication 2017

Project: Welding Stand

Supplied by the contestant team:

- Speed square
- 24" Square
- Dividers or Marking compass
- Up to two 4 ½" grinders (must be in good working order with guards and safety features enabled)
- Assorted hard and flap or sanding type grinding wheels
- Cut Wheels
- 4 pair C-Clamps
- Tape measure
- Safety Glasses
- Cutting Glasses or Goggles (Shade 3 to 5)
- Hammer
- Welding Gloves
- Chipping hammer
- Mig pliers
- Portable Bandsaw
- End Grinder
- 4 ½" Grinder
- Hearing and/or ear protection
- Welding Hoods with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front. Auto darkening shields are permissible
- Spare spatter and filter lenses/plates for arc welding hood and oxyacetylene goggles
- Pocket calculator
- Lead pencil and/or ballpoint pen
- Soap stone with holder
- Scribe with magnet
- Combination square set
- Fillet weld gauge
- Personal Protection Equipment
 - Welding jacket or sleeves
 - Leather Boots (preferably steel toe)
 - Work pants without holes or frays
- All competitors must create a one-page Résumé and submit a hard copy to the technical committee chair at orientation. Failure to do so will result in a point penalty. (Secondary only)

Contestants may also want to bring a drop cord and a 3 way plug. The Lincoln Machines have plugs on the back side.

Please be aware that we will be using Propane/Oxygen combination for torch cutting operations with Harris products. (0 Tip Size) Representatives will be on site to help with equipment setup and questions.