

Required PPE: If students show up without one of the below items they will not be able to participate in the competition.

1. Hearing and/or ear protection
2. Safety Glasses
3. Welding helmet with appropriate filter plate/lens and protective cover plate/lens. Auto darkening shields are permissible.
4. Oxy-fuel cutting full face shield or flip down attachment on grinding shield.
5. Full face clear grinding shield.
6. Steel Toe/ Composite Toe Leather Work boots
7. Welding Gloves
8. Welding jacket – (The Skills USA Work Shirt is Acceptable)

Required Equipment: The Below Items are mandatory equipment that are essential to student's success in the upcoming competition.

1. Chipping hammer
2. Wooden handle wire brush
3. GMAW Pliers
4. Tape measure
5. Wire brush carbon steel and stainless-steel brush (Stainless steel brush is only applicable for students who will be welding on Stainless/Aluminum)
6. Center Punch
7. MIG pliers
8. C-clamps /vise grips
9. Tip cleaners (oxy-fuel)
10. Soap stone
11. Square/combination square
12. Striker (oxy-fuel)
13. Compass or other circle drawing device
14. 10" Adjustable wrench
15. Pencil for written test
16. 4 ½" Grinder with applicable grinding disks.
17. Tig rig with consumables (Students will be able to hook up their Tig rigs and test them out on March 14th during the walkthrough)
 - a. Consumables include: Tungsten, Collets, Gas lens / Collet Body, Ceramic cups, Tails/ Backcaps.

Note: Students are welcome to bring additional equipment to use in the competition (Ex: Triangle magnets). The following items will be prohibited: Wire Wheels, Cutting Templates, Anti-Spatter devices. Additionally, Flow meters are provided by MTC for all welding applications requiring external shielding gas.