

Tools- tape measurer, straight edge ruler, square, angle measurer (protractor), soap stones and/or markers, flat files, round files, angle grinder(s) with grinding stones, cut off wheels , sanding discs, 115V extension cord (20ft max) , 115V multiconnector*, adhesive tape, center punch, chipping hammer, ballpeen hammer, wire brush, hammer, spatter scraper, wire brush, vise grips, C-clamps, C-clamp vise grips, pliers, wire cutters or loppers, adjustable wrench that will fit regulator/flowmeter connections, and whatever else is normally used for metal fabrication. #2 Pencil for written test of welding, fabrication, and safety knowledge.

PPE: safety glasses (if prescription glasses are employed then they must either have side shields, or large safety glasses/goggles worn over the prescription glasses), welding gloves (gauntlet style), work gloves, grinding face shield (or appropriate welding helmet with “grinding mode”), ear protection, welding cap or beanie, welding jacket, proper flame retardant shirt & pants*, (no sweatshirts or hoodies!!), work shoes/boots, no loose clothing or long dangling hair.

Review national SkillsUSA list for welding, and welding attire

*115V multi-outlet adapter, or something similar



*pants: jeans are okay but not “stressed” jeans, no frayed hem/cuffs