

Plumbing

Purpose: To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of residential plumbing.

Clothing: Acceptable work clothes; no school names may be displayed on any apparel.

Contestants: 2 contestants from each school that has registered for this contest on the regional registration form

Tools to be provided by contestants:

Striker	6' folding rule (or steel tape)
Torpedo Level	Straight & Phillips screwdriver
1/2" fitting brush	Channel lock pliers
14-16 ounce claw hammer	Safety glasses
2H pencil & eraser (sharpened)	Plastic pipe reamer (or knife)
Hard soled shoes	Solder past & brush
Drafting triangle 30 degree/60 degree	Several clean rags
1/2 lb. roll solder	Roll plumbers emery cloth
8" adjustable wrench	1) drill bit for wood for 1/2" copper
Tube cutter for 1/2" copper	1) 2-1/8" drill bit for wood
Right angle drill*	Copper Reamer (pipe)
25' UL approved extension cord	Hand broom
Hard hat	Ground fault circuit interrupter (GFIC)
"B" tank w/ tip appropriate for 1/2" copper pipe	
Dust pan	
PVC Plastic Saw	
Tri-square	
Cordless drill (optinal)	
Handsaw for cutting up to 3" DWV PVC pipe or pipe cutter	
Sawzall* with wood blades or key hole saw	
Aviation snips (for cutting strap iron)	
Torch for soldering 1/2" copper	

*Cordless acceptable

Scope of the Contest

The contest will be judged based on the criteria established in the 2010 SkillsUSA Championships Technical Standards.