

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.

Contest Location	D-Hall
Eligibility	<ul style="list-style-type: none"> ▪ Please refer to the National Technical Standards for this contest. ▪ Schools may send one competitor or team for every 50 paid SkillsUSA members based on local competition enrolled in a program where the scope of the contest described in the SkillsUSA Technical Content Standards reflects a major component of the program.
Clothing	<p>Work/School Attire:</p> <ul style="list-style-type: none"> ▪ School uniform with all identifying logos/markers covered. Field specific work clothing required for the work environment or that matches the service conditions for the contest. This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or overly soiled pants). Work shoes or boots with hard sole or anti-slip properties (steel toes may be required-refer to Provided by Contestant section below). Clothing should be as such that it will not get caught in moving equipment or power tools. School uniforms may be worn if they meet the above requirements with all identifiers covered. ▪ PPE Required ▪ Hardhat, hard soled shoes, safety glasses ▪ Hand gloves (appropriate for the task)ⓈEar protection (optional) ▪ Dust mask (optional)
Testing	<ul style="list-style-type: none"> ▪ Students should be prepared to take a written knowledge test. ▪ Students should also be prepared to take a SkillsUSA written knowledge test (Required for all contestants prior to contest day).
Provided by Contestant (Tool List)	<ul style="list-style-type: none"> ▪ Hard copy of one (1) page personal resume ▪ 6’folding rule (or steel tape) or 25’measuring tape ▪ Channel lock pliers ▪ Straight &Phillips screw driver ▪ Torpedo level

	<ul style="list-style-type: none"> ▪ 16-ounce claw hammer ▪ Two (2) #2Pencils with eraser (sharpened) ▪ 8" Adjustable wrench ▪ 25"US approved extension cord ▪ 4" - 0" (minimum) wood or fiberglass step ladder ▪ Ground fault circuit interrupter (GFIC) ▪ Handsaw for cutting up to 3" DWV PVC pipe or pipe cutter ▪ Plastic pipe reamer (or utility knife) ▪ Tri-square ▪ Cordless drill with ½" chuck and extra batteries ▪ Sawzall or Jig Saw with wood and metal blades (cordless optional) ▪ Aviation Snips-straight cut ▪ Mapp gas portable torch or B-Tank ▪ Torch tip for ½" copper tube for above torches ▪ Tube cutter for ½" copper tube ▪ ½" fitting copper fitting brush ▪ ½lbs. roll of solder ▪ Roll of plumber's emery cloth ▪ Solder pastes and brush ▪ Striker ▪ 11/16" wood bit for ½" copper tube ▪ 2¼" Hole saw with arbor and pilot bite ▪ 3½" Hole saw with arbor and pilot bit ▪ Copper tub reamer (for ½" copper tube) ▪ Clean rags ▪ Dust pan and hand broom ▪ 16 oz. spray bottle (for water) ▪ Optional-right angle drill (cordless is acceptable)
<p style="text-align: center;">Special Notes</p>	<ul style="list-style-type: none"> ▪ Exhibit Halls do not open to observers until 12:00pm. ▪ No smart watches, earbuds and/or phones are permitted during the contest and/or in contest ▪ No contact with anyone outside of the contest area once the contest begins ▪ No inappropriate communication between contestants such as verbally degrading another contest ▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.

National Technical Standards	<ul style="list-style-type: none">▪ Please refer to the 2022-2023 National Technical Standards for all contests. Any and all standards included may be tested in any competition.▪ In conjunction with National Standards, violations may result in student loss of contest.
Resume	<ul style="list-style-type: none">▪ All SkillsUSA Ohio State Championship Contest will require a short interview component. Students should be prepared with basic job interview skills.▪ All contestants must have a hard copy of a one (1) page personal resume.