

# 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.

<p><b>Contest Location</b></p>	<ul style="list-style-type: none"> <li>▪ C-Hall</li> </ul> <p>** Contest in A, B, C or D Hall will not be able to leave for lunch, please select "Contestant Plus" when registering or having contestant prepared to purchase lunch with credit card at vendors in the Exhibit Hall.</p>
<p><b>Special Notes</b></p>	<ul style="list-style-type: none"> <li>▪ Exhibit Halls do not open to observers until 12:00 pm.</li> <li>▪ No smart watches and/or phones are permitted during the contest and/or in contest</li> <li>▪ No contact with anyone outside of the contest area once the contest begins</li> <li>▪ No inappropriate communication between contestants such as verbally degrading another contest</li> <li>▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li> </ul>
<p><b>Testing</b></p>	<ul style="list-style-type: none"> <li>▪ N/A</li> </ul>
<p><b>Eligibility</b></p>	<ul style="list-style-type: none"> <li>▪ Please refer to the National Technical Standards for this contest.             <ul style="list-style-type: none"> <li>○ 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.</li> <li>○ Leadership and Occupationally Related Contest Specifications - The following competitions are open to all members of SkillsUSA Schools may send one competitor or team for every 500 SkillsUSA members based on local competition.</li> </ul> </li> </ul>
<p><b>Clothing</b></p>	<p><u>Class D: Contest Specific —</u></p> <ul style="list-style-type: none"> <li>▪ Blue Attire</li> <li>▪ Official SkillsUSA light blue work shirt.</li> <li>▪ Navy pants.</li> <li>▪ Black, brown or tan leather work safety shoes (with protective toe cap).</li> </ul> <p><b>OR</b></p> <p><u>Acceptable work clothes</u></p> <ul style="list-style-type: none"> <li>▪ Long sleeve shirt and pants (school name, contestant name and logos must be covered).</li> </ul>

	<ul style="list-style-type: none"> <li>▪ PPE Required</li> <li>▪ Hardhat, hard soled shoes, safety glasses</li> <li>▪ Hand gloves (appropriate for the task)</li> <li>▪ Ear protection (optional)</li> <li>▪ Dust mask (optional)</li> </ul>
<p><b>Provided by Contestant (Tool List)</b></p>	<ul style="list-style-type: none"> <li>▪ Hard copy of one (1) page personal resume</li> <li>▪ 6' folding rule (or steel tape) or 25' measuring tape</li> <li>▪ Channel lock pliers</li> <li>▪ Straight &amp; Phillips screwdriver</li> <li>▪ Torpedo level</li> <li>▪ 16-ounce claw hammer</li> <li>▪ Two (2) #2 Pencils with eraser (sharpened)</li> <li>▪ 8" Adjustable wrench</li> <li>▪ 25" US approved extension cord</li> <li>▪ 4'-0" (minimum) wood or fiberglass step ladder</li> <li>▪ Ground fault circuit interrupter (GFI)</li> <li>▪ Handsaw for cutting up to 3" DWV PVC pipe or pipe cutter</li> <li>▪ Plastic pipe reamer (or utility knife)</li> <li>▪ Tri-square</li> <li>▪ Cordless drill with 1/2" chuck and extra batteries</li> <li>▪ Sawzall or Jig Saw with wood and metal blades (cordless optional)</li> <li>▪ Aviation Snips- straight cut</li> <li>▪ Mapp gas portable torch or B-Tank</li> <li>▪ Torch tip for 1/2" copper tube for above torches</li> <li>▪ Tube cutter for 1/2" copper tube</li> <li>▪ 1/2" fitting copper fitting brush</li> <li>▪ 1/2 lbs. roll of solder</li> <li>▪ Roll of plumber's emery cloth</li> <li>▪ Solder paste and brush</li> <li>▪ Striker</li> <li>▪ 11/16" wood bit for 1/2" copper tube</li> <li>▪ 2 1/4" Hole saw with arbor and pilot bite</li> <li>▪ 3 1/2" Hole saw with arbor and pilot bit</li> <li>▪ Copper tub reamer (for 1/2" copper tube)</li> <li>▪ Clean rags</li> <li>▪ Dustpan and hand broom</li> <li>▪ 16 oz. spray bottle (for water)</li> <li>▪ Optional-right angle drill (cordless is acceptable)</li> </ul>

<p><b>Competition Standards</b> (Not all will be tested but contestant should be knowledge of all)</p>	<p>Please refer to the National Technical Standards</p>
<p><b>Resume</b></p>	<ul style="list-style-type: none"><li>▪ In conjunction with National Standards, violations may result in student loss of contest.</li><li>▪ All SkillsUSA Ohio State Championship Contest will require a short interview component. Students should be prepared with basic job interview skills.</li></ul>