



Plumbing

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

On-Site/Off-Site	<ul style="list-style-type: none">▪ On-Site
Contest Date	<ul style="list-style-type: none">▪ 4/9/2024
Contest Location	<ul style="list-style-type: none">▪ Convention Center▪ D-Hall
Early/Normal Start Time	<ul style="list-style-type: none">▪ Normal Start Time▪ Registration will open at 8:00am. Please report to B-Hall Show Office for Registration. Competition will begin at 10:00am.
Contest Open/Closed	<ul style="list-style-type: none">▪ Open▪ Exhibit Halls do not open to observers until 12:00pm.
Eligibility	<ul style="list-style-type: none">▪ Schools may send one (1) competitor(s) 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. Please refer to the National Technical Standards for more eligibility details on this contest.
Competition Clothing (To be worn on Day 1)	<p>Work/School Attire:</p> <ul style="list-style-type: none">▪ 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).▪ Shirt with long sleeves.▪ Shoes or work boots with a hard sole and anti-slip properties.

	<ul style="list-style-type: none"> ▪ Clothing should be as such that it will not get caught in moving equipment or power tools. ▪ Professional attire worn in the classroom (school uniforms) such as a criminal justice uniform, chef attire, health scrubs, or cosmetology scrubs etc. may be worn if they meet the above requirements. ▪ Note: School identifiers and contestant names must be covered.
<p style="text-align: center;">Safety Equipment Required</p>	<ul style="list-style-type: none"> ▪ PPE Required Hardhat, hard soled shoes, safety glasses, shirt with sleeves, Hand gloves (appropriate for the task), Ear protection (optional), Dust mask (optional)
<p style="text-align: center;">Awards Ceremony Attire (To be worn on Day 2)</p>	<p>SkillsUSA Official Attire:</p> <ul style="list-style-type: none"> ▪ Official SkillsUSA red blazer ▪ Button-up, collared, white dress shirt (accompanied by a plain, solid black tie or SkillsUSA black tie), or white shirt (collarless or small-collared), with any collar not to extend into the lapel area of the blazer ▪ Black dress slacks or black dress skirt (knee-length at minimum) ▪ Black closed-toe dress shoes ▪ Note: Wearing socks or hose is no longer required. If worn, socks must be black dress socks, and hose must be either black or skin-tone and seamless/nonpattern <p style="text-align: center;">Or,</p> <p>Business Dress:</p> <ul style="list-style-type: none"> ▪ Blazer, sports coat, or dress ▪ Button-up, collared, white dress shirt (accompanied by a plain, solid black tie or SkillsUSA black tie), or white shirt (collarless or small-collared), with any collar not to extend into the lapel area of the blazer ▪ Dress slacks or dress skirt (knee-length at minimum) ▪ Closed-toe dress shoes ▪ Note: Wearing socks or hose is no longer required. If worn, socks must be black dress socks, and hose must be either black or skin-tone and seamless/nonpattern
<p style="text-align: center;">Testing</p>	<ul style="list-style-type: none"> ▪ Students should be prepared to take a written knowledge test.

<p style="text-align: center;">Provided by Contestant (Tool List)</p>	<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 ▪ 16-ounce claw hammer ▪ Two (2) #2 Pencils 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 1/2" 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 1/2" copper tube for above torches ▪ Tube cutter for 1/2" copper tube ▪ 1/2" fitting copper fitting brush ▪ 1/2lbs. roll of solder ▪ Roll of plumber's emery cloth ▪ Solder pastes and brush ▪ Striker ▪ 11/16" wood bit for 1/2" copper tube ▪ 2 1/2" Hole saw with arbor and pilot bite ▪ 4 1/8" Hole saw with arbor and pilot bit ▪ Copper tub reamer (for 1/2" 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;">Contest Notes, Themes, & Deadlines</p>	<ul style="list-style-type: none"> ▪ Contestants may not have a phone or watch on their person.
<p style="text-align: center;">Special Notes</p>	<ul style="list-style-type: none"> ▪ Starting in 2024, all State Contests will begin to add a scenario-based component.

	<ul style="list-style-type: none"> ▪ Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio office may result in contestant disqualification. ▪ All safety requirements will be heavily enforced. Violation may result in contestant disqualification. ▪ No smart watches 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. ▪ Starting in 2024, Wi-Fi is provided for contests where it is required for contest success.
<p style="text-align: center;">National Technical Standards</p>	<ul style="list-style-type: none"> ▪ Please refer to the 2023-2024 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.
<p style="text-align: center;">Resume/Interview Requirement</p>	<ul style="list-style-type: none"> ▪ All SkillsUSA Ohio State Championship Contests 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.