



## Welding

*To evaluate each competitor's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of welding.*

<b>On-Site/Off-Site</b>	<ul style="list-style-type: none"> <li>● On-Site</li> </ul>
<b>Contest Date</b>	<ul style="list-style-type: none"> <li>● 3/18/2025</li> </ul>
<b>Contest Location</b>	<ul style="list-style-type: none"> <li>● Convention Center</li> <li>● C-Hall</li> </ul>
<b>Early/Normal Start Time</b>	<ul style="list-style-type: none"> <li>● Normal Start Time</li> <li>● Contest will promptly begin at 8am</li> </ul>
<b>Contest Open/Closed</b>	<ul style="list-style-type: none"> <li>● Open</li> <li>● Exhibit Halls do not open to observers until 12:00pm.</li> </ul>
<b>Eligibility &amp; Contest Type</b>	<ul style="list-style-type: none"> <li>● Please refer to the Program Guidelines for eligibility- <a href="https://www.ohioskillsusa.org/resources/">https://www.ohioskillsusa.org/resources/</a></li> <li>● Regional Qualifier Contest (Must attend and place in the top 4 at Regionals to Qualify to Compete at State Level)</li> </ul>
<b>Clothing</b>	<ul style="list-style-type: none"> <li>● <b><u>For Competition Day the Dress Code is:</u></b> Class D</li> <li>● <b><u>For the Awards Ceremony the Dress Code is:</u></b> Class A or Class J</li> <li>● <b>2025 SkillsUSA Ohio Clothing Guide</b></li> </ul>
<b>Safety Equipment Required</b>	<ul style="list-style-type: none"> <li>● Safety glasses with side shields or goggles (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles).</li> <li>● Closed Toe Work Boots .</li> <li>● Welding Gloves.</li> <li>● Welding Jacket or Apron.</li> <li>● Please Note: Not having your safety equipment could result in penalties.</li> </ul>

<p style="text-align: center;"><b>Testing</b></p> <p style="text-align: center;"><b>Provided by Contestant (Tool List)</b></p>	<ul style="list-style-type: none"> <li>● Students should be prepared to take a written knowledge test.</li> <li>● Hard copy of one (1) page personal resume</li> <li>● Suitable work clothing (to match service conditions for welding process employed, must be fire resistant). <ul style="list-style-type: none"> <li>- Leather jacket, cape, sleeves, or apron.</li> <li>- Leather gloves</li> <li>- High-top leather safety shoes or boots (steel toes recommended)</li> <li>- Welder's PPE: Helmet, Goggles, sleeves, knee/elbow pads, tig fingers.</li> <li>- Spectacles with side shields (clear lens)</li> </ul> </li> <li>● Pen/Pencil Sharpie Marker/ and or Soap Stone</li> <li>● Pocket Calculator (not cell phone)</li> <li>● Ruler/and or measuring tape</li> <li>● Combination Square</li> <li>● Magnets/ or Clamps</li> <li>● Scribe and hammer for part making</li> <li>● Chipping hammer</li> <li>● Wire brushes</li> <li>● Oxy Fuel tip cleaners</li> <li>● Pliers, whelpers, and or wire cutters</li> <li>● Cleaning towels/and or treated wipes</li> <li>● Flashlight, Headlamp, and or battery powered work light.</li>   <li>● <b>NOT ALLOWED:</b>  <b>Cell Phone</b>  <b>Power tools of any kind i.e.: Grinders, Drills, Saws</b>  <b>120V Work lights or lamps</b>  <b>Bottles of cleaners (soaps and acid)</b>  <b>Outside tables and fixtures</b>  <b>Anything not specifically mentioned in the above tools list</b></li> </ul>
<p style="text-align: center;"><b>Contest Notes, Themes, &amp; Deadlines</b></p>	<p>There will be 6 rotations, 25 mins each, encompassing the following:</p> <ul style="list-style-type: none"> <li>● MIG Welding (Carbon Steel) <i>Lincoln Super Arc L56.035" wire</i></li> <li>● TIG Welding (Aluminum) <i>Lincoln Super Glaze 4043 1/16" and 3/32" Cut Lengths</i></li> <li>● FCAW Welding (Carbon Steel) <i>Lincoln Ultracore 71A75.045" wire</i></li> <li>● Stick Welding (Carbon Steel) <i>Lincoln 5P+ (6010) and Lincoln Excalibur (7018) 3/32" and 1/8"</i></li> <li>● Oxy Fuel Cutting (Carbon Steel) <i>Harris Oxy Acetylene Cutting Torch</i></li> <li>● Written Exam on general Welding Knowledge</li>   <li>● There will be awards given to contestants who place in 1st,2nd, and 3rd place. There will also be a raffle at the end of the</li> </ul>

	Welding Competition. Contestants <u>and</u> instructors may participate in the raffle.
<b>WIFI Provided?</b>	<ul style="list-style-type: none"> <li>• No</li> </ul>
<b>Special Notes/Rules for All Contests</b>	<ul style="list-style-type: none"> <li>• Started in 2024, all Skilled Trade State Contests (most leadership contests already use scenarios) will begin to add a scenario-based component.</li> <li>• <b><u>Wi-Fi will NOT BE AVAILABLE unless listed above</u></b>. If you need WIFI access please plan to bring a hotspot.</li> <li>• All safety requirements will be heavily enforced. Competitors are to follow all safety standards and OSHA Regulations</li> <li>• <b><i>Contestants MUST HAVE A COPY OF THEIR EMERGENCY MEDICAL FORM IN THEIR NAME BADGE AT ALL TIMES</i></b></li> <li>• <b><u>THE FOLLOWING ITEMS ARE PROHIBITED; VIOLATION OF ANY OF THE FOLLOWING MAY RESULT IN COMPETITOR DISQUALIFICATION:</u></b> <ul style="list-style-type: none"> <li>• Contact with Contest Coordinators is prohibited. Contact with Contest Coordinators outside of the SkillsUSA Ohio is strictly prohibited.</li> <li>• Possession of smart watches and/or phones during the contest and/or in contest.</li> <li>• Contact with anyone outside of the contest area once the contest begins.</li> <li>• Inappropriate communication between contestants such as verbally degrading another contest.</li> <li>• Cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li> <li>• Lack of Copy Emergency Medical Form in Name Badge.</li> </ul> </li> </ul>
<b>National Technical Standards</b>	<ul style="list-style-type: none"> <li>• Please refer to the <b>2024-2026 National Technical Standards</b> for all contests. All standards included may be tested in any competition.</li> <li>• In conjunction with National Standards, lack of understanding of State Level competition standards (this document) may result in student loss of contest.</li> </ul>
<b>Resume/Interview Requirement</b>	<ul style="list-style-type: none"> <li>• All SkillsUSA Ohio State Championship Contests will require a short interview component. Students should be prepared with basic job interview skills.</li> <li>• All contestants <b><u>must have a hard copy</u></b> of a one (1) page personal resume.</li> </ul>