

# Diesel Equipment Technology



**Purpose:** To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of diesel equipment technology.

<b>Contest Location</b>	<ul style="list-style-type: none"> <li>▪ A Hall</li> </ul>
<b>Eligibility</b>	<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>▪ <i>May send 2 competitors per school</i></li> </ul>
<b>Clothing</b>	<p><u>Work/School Attire:</u></p> <p>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 <b>Provided by Contestant</b> 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.</p> <p>**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).</p>
<b>Testing</b>	<ul style="list-style-type: none"> <li>▪ Students should be prepared to take a written knowledge test.</li> <li>▪ Students should be prepared to take a SkillsUSA written knowledge test. (Required for all contestants prior to contest day).</li> </ul>
<b>Provided by Contestant (Tool List)</b>	<ul style="list-style-type: none"> <li>▪ One hard copy of a 1-page personal resume</li> <li>▪ Two (2) #2 pencils (sharpened)</li> <li>▪ May bring own meter</li> </ul>
<b>Special Notes</b>	<ul style="list-style-type: none"> <li>▪ Orientation and contest area will be closed to observers until 12:00 p.m.</li> <li>▪ No smart watches, phones, or earbuds 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> </ul>

	<ul style="list-style-type: none"> <li>▪ No inappropriate communication between contestants such as verbally degrading another contestant</li> <li>▪ No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li> <li>▪ 9-10 of the 13 skill stations listed below may be used in the competition: <ul style="list-style-type: none"> <li>• Fluid Power/Mechanics</li> <li>• Drive train</li> <li>• DDE station Tune-up, assembly, precision inst.</li> <li>• Cummins station Tune-up, assembly, precision inst.</li> <li>• Job interview skills</li> <li>• Trailer PM/defect</li> <li>• Brakes/wheel end/ABS</li> <li>• Live tractor troubleshooting</li> <li>• Tire wear/failure analysis</li> <li>• Small tasks Assemble Aero-Quip hose, drill/tap, soldering, flaring, etc.</li> <li>• Electrical</li> <li>• Air conditioning</li> <li>• Electronic engine management systems</li> </ul> </li> </ul>
<p style="text-align: center;"><b>National Technical Standards</b></p>	<ul style="list-style-type: none"> <li>▪ Please Refer to the 2022-2023 National Technical Standards for all contests. All standards included may be tested in any competition.</li> <li>▪ In conjunction with National Standards, violations may result in student loss of contest.</li> </ul>
<p style="text-align: center;"><b>Resume</b></p>	<ul style="list-style-type: none"> <li>▪ All SkillsUSA Ohio State Championship Contest will require a short interview component. Students should be prepared with basic job interview skills.</li> <li>▪ All contestants must have a hard copy of a one (1) page personal resume.</li> </ul>