



Diesel Equipment Technology

Career Competition

Career Cluster: Transportation, Distribution and Logistics

State Qualifying Event: Yes

National Contest: Yes

Participation: Individual

Competition Description

To evaluate each competitor’s preparation for employment and to recognize outstanding students for excellence and professionalism in the field of diesel equipment technology.

Tasks To Be Evaluated

Competitors cycle through 15 stations while testing and troubleshooting engines and electrical, electronics and power train systems (including chassis, and carriers). Competitors also demonstrate skills in hydraulic systems, vehicle inspections, fundamental-failure analysis, brake and air-conditioning systems and general shop skills. The competition also includes a mock job interview and written test.

Clothing Requirement

National Requirement:

Class D: Competition Specific — Blue Attire

- Official SkillsUSA light blue work shirt
- Navy pants
- Black, brown, or tan leather work safety shoes (with protective toe cap)

State Requirement:

National Requirement OR

- Light blue work shirt or any work shirt
- Any embroidered names or school patches must be covered if applicable.
- Work pants of any kind are acceptable dress (no jeans)
- Black, brown, or tan leather work safety shoes (with protective toe cap).
- Safety glasses
- Gloves

Provided by Competitor

- All competitors must create a one-page resume.

Provided by Technical Committee

- All materials, tools and equipment needed for the competition.

Additional Information

New Cell Phone Policy:

- Cell phones or other electronic devices will not be permitted on the competition floor.
- Competitors observed using their phone for any purpose will be subject to penalty up to disqualification from the competition.
- Only exception is students with a medical emergency or condition. Under these circumstances, phones will be allowed at the judge’s tables for students to access as they need to.