



## *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

Competitors are to wear official competition clothing to the competition orientation meeting.