

DIESEL EQUIPMENT TECHNOLOGY

CLUSTER: Transportation

PARTICIPATION TYPE: Individual

LEVEL: National Contest

CONTEST TYPE: Skilled and Technical Contest

CONTESTANT LIMIT: 2 per Advisor

CONTESTANT TYPE: High School and Post-Secondary

ELIGIBILITY: Open to active SkillsUSA members enrolled in programs with diesel equipment technology as the occupational objective.

DIESEL EQUIPMENT TECHNOLOGY

Contestants cycle through fourteen stations testing and troubleshooting engines, electrical and electronics systems, power train systems including chassis, transmissions and carriers. Contestants also demonstrate skills in hydraulic systems, vehicle inspections, fundamental failure analysis, brake systems, air-conditioning systems and general shop skills. Contestants also perform a job interview and complete a written test.



The SkillsUSA South Carolina Championships follow the current edition of the SkillsUSA National Technical Standards. These are available to professional members (advisors and teachers) following membership registration. Please check the State Updates that will be posted as received by the Technical Chairs related to changes to the competition related to state level competition.