

SkillsUSA Maryland
2018 State Championship
Power Equipment Technology
State Contest Update

Clothing Requirements - Professional attire is expected. Collared short sleeve shirt, long pants, work boots, safety glasses or goggles, (prescription glasses can be worn if they carry the Z87 rating and are equipped with side shields. If not they must be covered by goggles.)

EQUIPMENT AND MATERIALS

1. Supplied by the technical committee:
 - a. All necessary engines, engine parts, workstations, test stands, power equipment, gasoline, oil and all basic hand tools as well as necessary specialty tools
 - b. Industry manuals, including service and repair instruction manuals
2. Supplied by the contestant:
 - a. All competitors must create a one-page resume.

CONTEST GUIDELINES

1. Contestants should have an understanding of engine theory, engine operation, diagnostic, failure analysis and repair and testing of engines and related power equipment as identified in the Standards and Competencies section following.
2. Contestants will demonstrate their ability to perform skills taken from the following areas:
 - Power Equipment Parts Identification
 - Engine trouble shooting (engine will not run student will identify problem and repair)
 - Electrical Trouble shooting (engine will not run student will identify problem and repair)
 - Demonstrate the ability to measure accurately with precision instruments
 - Demonstrate the ability to understand the equipment's information and sell the equipment to the customer (sales pitch)
 - Written test on general knowledge and power equipment engine parts