Small Power Equipment

Event Rules

All members participating in this Career Development Event must meet the eligibility requirements and adhere to the rules of the Kentucky FFA Association as outlined in the Rules Governing FFA Activities document.

Number of members on a team: Four (All four scores count toward the team total.)

Official Dress Appropriate: No

Regional Event: Determined by the region

State Event: Fourth Thursday in April; Campbellsville

One team from each region will be eligible for the state event. The region must conduct a regional event to be eligible to send a regional representative to the state event. The region may hold the regional event at one of the universities provided an official FFA event is conducted and the regional teachers' organization is responsible for the regional event.

The judges reserve the right to stop a participant at any time when damage to parts appears imminent or the safety of the participant is in question.

Participants cannot participate in the Agricultural Mechanics CDE or Welding CDE in the same year they participate in the Small Power Equipment CDE.

This event will consist of four components as outlined below. Each participant will have 15 minutes to complete each component.

EQUIPMENT

Equipment provided by student:

- Safety glasses or goggles
- #2 Pencil
- Clipboard
- Non-graphing calculator

Equipment provided at the event site:

- All tools and equipment required to complete problem solving and/or skills activities

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PARTS AND TOOL IDENTIFICATION (100 POINTS)

Participants will identify 17 parts and 3 tools for this portion of the event. The parts will be from an overhead value Briggs and Stratton engine. Either the actual item or a picture of the item to be identified will be provided.

A list of possible parts and tools will be provided to the participants. This list is available on www.kyffa.org.

GENERAL KNOWLEDGE EXAMINATION (100 POINTS)

This component consists of 25 multiple choice items.

Examination questions will be taken from a variety of textbooks, certification examinations, and other FFA events.

PROBLEM SOLVING (100 POINTS)

This component consists of 20 multiple choice items at five points each.

Concepts that will be addressed in this component include, but are not limited to, troubleshooting, calculations, word problems, and skills based scenarios.

SKILLS ACTIVITY (100 POINTS)

Event officials will select a skills activity related to small power equipment (torqueing, assembling, measuring, adjusting, etc.). Participants will use provided resources related to the skills activity that will be required to answer the questions.

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Scoring

Possible score for each participant is 400 points, with a possible team score of 1600 points.

Four team members' scores will count toward the team score.

Judging will be done on the Danish system – blue, red, and white.

Teams will be rated blue, red, or white based on the total team score. Ribbon colors will be determined by the event officials.

Individuals will be ranked in numerical order on the basis of the final individual score.

TIEBREAKER

The high scoring individual on a team will be used to break team ties. If the high individual on tied teams should be tied, the second high scorer will be used to break the ties.

Individual ties will be broken by the general knowledge examination score.