

2025 Electrical: Residential-Commercial Competition

FACT SHEET

Project Manager

Dave Dekelaita, Power Design Inc. and Evan Banda, Champion Electric

For questions related specifically to the electrical competition, contact Dave Dekelaita at ddekelaite@powerdesigninc.us or Evan Banda at ebanda@championelec.com. For all event questions, contact Jarrell Jackson, National Craft Championships director, at (202) 595-1789 or jackson@abc.org.



Knowledge and Skills Required

The knowledge and skills for this competition are based on the 2020 National Electrical Code® and all levels of the NCCER electrical curriculum 14 revisions with particular emphasis on the following modules:

- Electrical Safety
- Hand Bending
- Fasteners and Anchors
- Electrical Theory One
- Electrical Theory Two
- Electrical Test Equipment
- Introduction to National Electrical Code®
- Raceways, Boxes and Fittings
- Conductors
- Introduction to Electrical Blueprints
- Wiring: Commercial and Industrial
- Alternating Current
- Motors: Theory and Application
- Grounding
- Conduit Bending
- Load Calculations—Feeders and Services

Tools

Each competitor will be provided with the needed tools. Listed below are examples of the tools provided by ABC. No other tools will be allowed.

Review the safety scope for the following power tools:

Sample Score Sheet

The following sample score sheet is provided to give competitors an example of the criteria that may be included in the practical performance test. **However, this score sheet is only a sample and not intended to act as a study guide in preparation or to imply specific criteria that will be judged during the actual practical performance test.**

ABC National Craft Championships Electrical Sample Score Sheet

Judging Criteria	Competitor Identification Numbers Maximum
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