



13th TERRITORIAL SKILLS COMPETITION - SCOPE DOCUMENT

24 - Cabinetmaking Post Secondary Level

PURPOSE OF THE CHALLENGE

DURATION: 6 HOURS

To test a sample of relevant theoretical knowledge, and provide an opportunity for contestants to demonstrate competence with and the mastery of hand tools, portable power tools, stationary power tools, cutting edges, interpretation of drawings and specifications, joinery techniques, and problem solving.

SKILLS AND KNOWLEDGE TO BE TESTED

- Ability to derive sizes and relationships from blueprint and shop drawings
- Quality construction and craftsmanship
- Ability to demonstrate time management and complete project under deadline
- Compliance with safety regulations and proper use of PPE

EQUIPMENT, TOOLS, SUPPLIES, AND CLOTHING

Provided by the competitor:

- Steel-toe footwear
- Hearing protection
- Protective eyewear
- Suitable work clothes
- Screwdriver bits (Robertson #6 & #8)
- Metric tape measure
- Hammer or Mallet
- Block Plane
- Sanding Block
- Chisel Set
- Pencil, Eraser and Calculator
- Drill Bit Set
- Sliding T-Bevel
- Screwdrivers (basic set)
- Dovetail or backsaw
- 19mm masking tape
- Utility knife
- Cabinet hand scraper
- 2 files (round and flat)

Competitors may bring any other hand tools they use on a regular basis, but must have them approved by the territorial tech chair at the orientation session. Competitors are NOT to bring power tools.

Provided by the committee:

- Table Saw
- Mitre Saw
- Router
- Workbench
- Clamps
- All project materials (wood, glue, dowels, biscuits, sandpaper)
- Drill
- Drill Press
- Band Saw

SAFETY REQUIREMENTS

- Steel toe footwear must be worn at all times in contest area
- Hearing and eye protection must be worn at all times in the contest area
- Must follow industry safety standard rules and regulations

SPECIAL CONDITIONS

If there is a tie, the projects involved will be re-evaluated on a half point basis to conformance to drawings and accuracy of measurements.

POINT BREAKDOWN / 100 TOTAL

- Safety/ Work habits – 5%
- Conformance with specifications and accuracy of measurements – 20%
- Quality of joints (marked before gluing) – 20%
- Quality of assemblies – 20%
- Quality of surface preparation – 15%
- Square – 10%
- Fitting – 5%
- Bench Mark – 5%
- Extra material for 1st part exchanged minus 4 marks every part after minus 2 marks.

TECHNICAL COMMITTEE MEMBERS - JUDGES

Roger Nendsa, Tech Chair
Journeyman Cabinetmaker
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