



2010 13th ANNUAL SKILLS MANITOBA COMPETITION CONTEST SCOPE

CONTEST NAME: Cabinet Making

CONTEST NO: 24

LEVEL: Post Secondary

NOTE:

Post Secondary Level: 8 competitors

CONTEST LOCATION: Red River College - Notre Dame Campus

CONTEST START TIME AND DURATION:

Immediately after opening ceremonies. Contest duration will be 6 hours.

PURPOSE OF CHALLENGE:

To assess the contestant's knowledge and skills in cabinetmaking by understanding and reproducing a specific cabinetmaking specialty by following a detailed set of shop drawings.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Ability to derive sizes and relationships from blueprint shop drawings
- Quality construction of a cabinetmaking specialty
- Ability to demonstrate time management and complete project under deadline
- Compliance with safety regulations and the proper use of safety equipment

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 sanding/15
- Squaring/10
- Fitting /5
- Material usage /5
- Material Used: 1st part exchanged=minus 4 points

Every part afterward=minus 2 marks

EQUIPMENT, TOOLS, MATERIALS TO BE PROVIDED BY COMMITTEE:

- Table saw c/w blades
- Mitre saw
- Router
- Workbench with vice
- Bar clamps
- All project materials (wood, glue, dowels, sandpaper, etc.)
- Edge sander
- Portable power drill
- Drill press
- 3/8 dowel jig

Contestants are NOT to bring portable power tools

EQUIPMENT, TOOLS, MATERIALS TO BE SUPPLIED BY COMPETITOR:

- Steel-toe footwear
- Hearing protection
- Protective eyewear
- Suitable work clothes(no muscle shirts and no shorts)
- Screwdriver driver bits(Robertson #6 & #8 screws)
- Metric Tape Measure
- Hammer or mallet
- Block plane
- Sanding block
- Chisel set
- Pencil, eraser, calculator
- Drill bit set(including 3/8 drill bit)
- Sliding t bevel
- 3/8 dowel jig
- Screwdrivers(basic set)
- Dovetail or back saw
- 19 mm masking tape
- utility knife
- cabinet hand scraper
- 2 files (round & flat)

Contestants may bring any other hand tools they use on a regular basis, but must have them approved by the provincial technical committee at the orientation session.

WORKSITE SAFETY RULES / REQUIREMENTS:

- must wear steel toe footwear
- must wear hearing and eye protection
- must follow industry standard safety rules and regulations

SPECIAL CONDITIONS / ADDITIONAL INFORMATION:

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

FOR MORE INFORMATION PLEASE CONTACT:

Todd Birtwhistle, Cabinetmaking Instructor, Red River College, Winnipeg
(204) 632-3024