



# 2012 15<sup>th</sup> ANNUAL SKILLS MANITOBA COMPETITION CONTEST SCOPE

**CONTEST NAME:** Cabinet Making

**CONTEST NO:** 24

**CATEGORY:** Secondary - 8 competitors

**CONTEST LOCATION:** Red River College - Notre Dame Campus

**CONTEST START TIME AND DURATION:**

Start time is 7:30 AM sharp. An alternate start time may be arranged 4 weeks prior to competition date. Contest duration will be 7 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 / 1000 TOTAL:**

- Safety / Work habits /50
- Conformance with specifications and accuracy of measurements /200
- Quality of joints (marked before gluing) /200
- Quality of assemblies /150
- Quality of sanding/150
- Squaring/100
- Fitting /100
- Material usage /50
- Material Used: 1<sup>st</sup> part exchanged=minus 4 points  
Every part afterward=minus 2 marks

### **NATIONAL COMPETITION ELIGIBILITY:**

- A mark of **70% or higher** must be scored by the gold medalist in order to attend the National Skills Competition

### **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:**

To be successful competitors should be enrolled in a secondary level woodworking program. He/she should be proficient in blueprint reading and use of hand, power and stationary woodworking tools and have good knowledge of construction procedures.

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 TECHNICAL COMMITTEE MEMBER:**

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**PLEASE NOTE:** Plans for the project are available from the committee 4 weeks prior to the Provincial competition