



# Regional Scope Document

## *CABINETMAKING (Secondary) 2008*

### **Purpose of the Challenge:**

To assess the contestant's knowledge and skill in cabinetmaking by building a simple project from a provided drawing.

### **Skills that maybe Tested:**

- Safety and safety equipment practices
- Construction of cabinetry products
- The set-up and safe operation of basic wood working machines, portable power tools and hand tools
- The project may consist of dowel joints, mortise and tenon joints, biscuit joints, dado joints and other wood joints. Other skills like layout, cutting shapes, routing, drilling etc. may also be included.
- The demonstration of sound machining, sanding, and assembly techniques in the building of a simple project to an acceptable industry standard.

### **Specific Requirements:**

Plan to arrive one hour ahead of the contest start time for registration and to set up your tools on the assigned bench. You may be sharing a bench with someone else. This will allow you to have a chance to try out the portable power tools prior to the start of the contest.

- At the start of the contest competitors will be given a blueprint of a simple project to be built. Further rules and clarification will also be given at this time.
- Once work on the project begins you are to work by yourself and not discuss the project with anyone but the judges. The project changes each year.
- A lunch break (1/2 hr approx) will be given and then work will resume until the given time.
- If a mistake is made and you wish to have a new piece of wood, please get it from a judge who will record this error and two marks will be deducted from your score.
- Since time is limited, your solid wood may already be planed to thickness.

- During the contest, some joints may need to be marked by the judges prior to you gluing them together. Please read all your documentation that you receive on the day of the contest.
- Plan your work accordingly so that the judges may mark your joints and return them to you when they are done. Do not wait for your joints, but rather continue on with other work.
- All work to be done on site.

## **Safety Instructions:**

Must know and comply with Worker's compensation and Work-person's compensation safety standards at all times. Contestants will not be allowed to compete without the required safety equipment.

Contestants must wear the appropriate clothing and safety equipment: CSA approved steel toe footwear, protective eye wear and ear protection.

## **Equipment / Tools / Materials**

### **Supplied by Committee if needed for project:**

- Table Saw c/w Blades and Dado blade set
- Screw gun /drill
- Chop Saw
- Router Table with bits
- Work Bench with Vise
- Bandsaw / Jigsaw
- Hand Power Planes
- Biscuit Machine (Lamello)
- All project materials
- Compass or Trammel Points
- Spindle or Drum Sander
- Thickness Sander / Planer
- Brad Gun / Brads
- Glue

### **Supplied by Contestant:**

A regional specific tool list will be supplied to all registrants two weeks prior to Regional. Please note that not all of the below noted equipment will necessarily be required by each competitor.

- CSA approved Steel toe footwear (no running shoes)
- Eye protection
- Suitable work clothes (No muscle shirts or shorts - long pants only)
- Carpenter belt or overalls
- Tape measure (metric and imperial)
- Combination square
- Hammer,
- Block plane
- Sanding block and sand paper for finishing

- Nail set
- Chisel (1/4, 1/2, 3/4,1")
- Pencils and erasers, Calculator (non- programmable)
- Drill Bits. (set 1/8" to 1/2")
- Marking Gauge
- Dovetail or Back saw
- Screw drivers ( basic set)
- Dowel Centers (1/4" and 3/8")
- 3 - 30 inch Bar Clamps

no other power tools may be used

### **Judging / Distribution of Marks**

- Safety / Work habit (5 marks)
- Accuracy, quality, machining, assembly, sanding, conformation to drawing (95 marks)

### **Technical Committee:**

Cam Russell      Technical Chair

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