



# Cariboo Regional Skills Competition

Scope Document

*CABINETMAKING (Secondary) 2012*

Thompson Rivers University  
March 2, 2012

## *CABINETMAKING (Secondary) 2012*

### **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
- Dowel joints, mortise and tenon joints, biscuit joints, dado joints and other wood joints.
- Layout, cutting shapes, routing, drilling etc. may also be included.
- Sound machining, sanding, and assembly techniques in the building of a simple project to an acceptable industry standard.

### **Specific Requirements:**

- 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.
- All work to be done on site.

### **Safety Instructions:**

- Must know and comply with WorkSafe BC 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

**NOTE:** no other power tools may be used

**Supplied by Contestant:** 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")

## Judging / Distribution of Marks

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

### Technical Committee:

Technical Chair: Paul Scholtz

pscholtz@tru.ca