



# Provincial Scope Document

## *AUTOBODY COLLISION REPAIR (Post-Secondary 2010)*

**Contest Length: 6.5 hours**

**Check in time: 7:30**

**Contest Start: 8:30**

**Contest Sponsor: 3M, Caruk & Associates, ICBC, Automotive Retailers Association, Wedge Clamp, White & Peters, Norton Canada, BOC Gases**

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

Assess the contestant's skills in performing various auto body repair tasks.

### **Skills & Knowledge to be Tested:**

**The contest is divided into five sections:**

- A. Sheet Metal Repair Project.
- B. Plastics Repair.
- C. Frame Measuring and Damage Analysis.
- D. Mig Welding Competition
- E. Theory Exam.

### **Equipment / Tools / Supplies / Clothing**

**Provided by the organization:**

- 110-volt power supply
- Compressed air and air control unit
- Air tools, hoses and connections
- MIG welding unit
- Work bench
- Protective equipment other than individual protective gear (dust masks, charcoal respirators, coveralls, welding masks, face shields, disposable latex gloves)
- Welding helmet
- Assortment of vice grips
- Tape measure in both metric and imperial at least 1" wide
- 3" or 4" air grinder
- Felt marker / pencil
- Body hammer

- Pick hammer
- Metal file (vixon)
- Block sander
- Cheese grater or surform file
- Board sander
- Utility knife / razor
- Cold chisel
- Nose cutter pliers
- Heatgun

**Provided by the contestant:**

- CSA approved steel toe boots or shoes

**Safety Requirements:**

Safety awareness/requirements will be maintained at the minimum industry standards at all times. A contestant will not be allowed to compete without the safety equipment noted on this scope document.

**Point Breakdown / 1000 Total:**

Sheet Metal Repair	300
Mig Welding	200
Plastics Repair	150
Frame Measuring and Damage Analysis	200
Theory Exam	150
<b>Total</b>	<b>1000</b>

**Technical Committee:**

Rory Morrison Technical Chair  
 Bruce Davidson, Terry Hartree, Jeff Francis,  
 Rick Hatswell, Dave Potkins, Richard Cote,  
 Dennis Shorter, Guy Charney, Michael Kukura, Daryl Tippee

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**Gold medal winners at the BC Skills Competition are eligible to compete at the Canadian Skills Competition\_\_\_\_\_**

**Skills Canada BC reserves the right to update contest information. Please check the website for changes.**