

# 2012 Calgary Regional Skills Canada Competition

## Scope Document

SAIT

March 30, 2012

<b>EVENT:</b> Regional Auto Body Repair Jr. & Sr.	<b>LEVEL:</b> Secondary Trade # 13
<b>TIMES:</b> Orientation/Registration: 7:30 AM JR. / 11:30 SR. Competition Start Time: 8:00 AM – LEVEL 10 JR 12:00 PM – LEVEL 30 SR	<b>LOCATION:</b> SAIT Mayland Heights Campus Buck Crump Building 1940 Centre Avenue East
<b>DURATION:</b> 3 Hours (1 Day)	<b>REGIONALIZED:</b> No
Number of Competitors That Will Qualify for the 2012 Provincial Skills Canada Competition: TBD (based on registration numbers)	

### GENERAL DESCRIPTION

#### Purpose of the Challenge:

The purpose is to evaluate each competitor's competency to organize and execute a number of work assignments accurately and safely in the field of auto collision repair, and to recognize outstanding students for excellence and professionalism.

### PROJECT DESCRIPTION

Competitors should possess the skills to be able to do the following:

#### **Welding test:**

**Level 10** – Competitor to balance an oxy-acetylene torch (#1 tip). Oxy-acetylene welding on 16-gauge on flap lap, flat butt, horizontal lap, and flat lap brazed

**Level 30** – Competitor to set up a MIG welder. Concentration on 5/16 horizontal plugs, vertical butt, horizontal lap, vertical lap and flat butt

#### **Level 10 - Interpret vehicle dimensions, specifications, and accurately measure a vehicle:**

Competitors must accurately measure and decipher under hood dimensions on a vehicle using a measuring tape and trams.

#### **Level 30 - Interpret vehicle dimensions, specifications, and accurately measure a vehicle:**

Competitors must accurately measure and decipher under hood dimensions and under body dimensions on a vehicle using measuring tape, tram, and bar gages.

#### **Metal shape and finish a panel with the use of a hammer, dolly, and filler:**

**Level 10** – Will perform a small dent repair concentrating on the following:

Hammer and dolly

Grind

Shrink

Fill

Ready to prime

**Level 30** – Will perform a structural plastic repair concentrating on the following:

- Proper cleaning
- Identification of plastic
- Choice of repair material
- Repair technique
- Ready for primer

## **THEORY EXAM**

Both Level 10 and Level 30 competitors will be tested on 25 multiple choice general auto body knowledge questions.

## **INSTRUCTIONS**

### **EQUIPMENT & MATERIALS**

#### **Equipment and Materials Competitors Must Supply:**

- CSA Approved safety glasses or goggles
- Coveralls
- If Students have their own CSA approved foot wear please bring them.

#### **Equipment and Materials Supplied by the Committee:**

- SAIT will supply CSA Approved Toe Caps (students can bring steel toed boots)
- Welding Gloves
- All Hand Tools
- Oxy Acetylene Equipment
- Welding Coupons

***Please note competitors must have all safety equipment to be allowed into the competition area. Safety equipment must meet minimum standards. Competitors are required to follow all industry standards and use tools provided by the committee during the competition. Personal tools will not be permitted in the event area.***

## **SAFETY**

The health, safety and welfare of all individuals involved with Skills Canada Alberta are of vital importance. Safety is a condition of participation with Skills Canada Alberta and shall not be sacrificed for the sake of expediency. At the discretion of the judges and technical committees, any competitor can be denied the right to participate should they not have the required proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

## **RELATED CAREER AND TECHNOLOGY STUDIES COURSES**

Descriptions of all modules are located at the following website:

<http://www.education.gov.ab.ca/cts>

## **ADDITIONAL INFORMATION**

Parking Information & Venue Maps [www.sait.ca](http://www.sait.ca)

**Award Presentation (for both levels):** 3:30 p.m.

Skills Canada Alberta will be providing medals for the top three competitors in each category (Jr.&Sr.)

There will be a Safety award in both the Junior and the Senior category.

## **COMMITTEE MEMBERS**

Les Hoyle

Harold Then

Derek Topolnisky

Brian Williams