



CONTEST DESCRIPTION / DESCRIPTION DE CONCOURS

AUTOBODY REPAIR

CARROSSERIE

SECONDARY AND POST-SECONDARY /
NIVEAU SECONDAIRE ET POSTSECONDAIRE

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1. THE ESSENTIAL SKILLS FOR CAREERS IN THE SKILLED TRADES AND TECHNOLOGY

SCC is currently working with Employment and Social Development Canada (ESDC) in order to bring awareness to the importance of Essential Skills that are absolutely crucial for success in the workforce. Part of this ongoing initiative requires the integration and identification of Essential Skills in contest descriptions, projects, and project documents. The next phase and very important aspect of our Essential Skills (ES) initiative is to provide an ES report card to each competitor at the Skills Canada National Competition. The purpose of the ES report card is to inform the competitor about their current level of essential skills based on their competition scores. With this knowledge, the competitor will be made aware which essential skill may require improvement. Full implementation is expected in the 2017 Skills Canada National Competition.

The following 9 skills have been identified and validated as key essential skills for the workplace in the legend below:

¹Numeracy, ²Oral Communication, ³Working with Others, ⁴Continuous Learning, ⁵Reading Text, ⁶Writing, ⁷Thinking, ⁸Document Use, ⁹Digital

These essential skills have been identified with in section 2.4 and/or 3.2 of your Contest Description. The top three Essential Skills for your area of competition have been identified on your Project and all other supporting project documents.

2. CONTEST INTRODUCTION

2.1 Description of the associated work role(s) or occupation(s).

<http://skillscompetencescanada.com/en/careers/transportation/autobody-repair/>

2.2 Purpose of the Challenge.

Assess the contestant's skills in performing various Auto Body repair tasks

2.3 Duration of contest.

12 hours

2.4 Skills and Knowledge to be tested.

The contest is divided into five sections:

- Door Skin Project
- Sectioning Project using a variety of fastening techniques ie: plug welding, resistance spot welding and/or adhesive bonding.
- Panel alignment
- Measuring Damage Analysis and Information retrieval using Audatex
- Aluminum welding
- Aluminum dent repair

3. CONTEST DESCRIPTION

3.1 List of documents produced and timeline for when competitors have access to the documents.

DOCUMENT	DATE OF DISTRIBUTION VIA WEBSITE
Test Project	January, 2017
Tool List	January, 2017

3.2 Tasks that may be performed during the contest

- Door Skin Project ⁷
- Sectioning Project ⁷
- Project using a variety of fastening techniques ie: plug welding, resistance spot welding and/or adhesive bonding¹
- Measuring Damage Analysis and Information retrieval^{7, 9} (Audatex tutorial training will be available online one week prior to the competition)
- Aluminum welding ⁵
- Aluminum dent repair

Essential Skills - ¹Numeracy, ⁵Reading Text, ⁷Thinking (Problem Solving, Job Task Planning and organizing), ⁸Document Use, ⁹Digital

4. EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment and material provided by Skills/Compétences Canada

- Compressed air
- MIG welding unit
- Aluminum MIG welder
- Aluminum dent repair system
- Squeeze Type Resistance Spot Welder
- Air control equipment (welding fume extractors)
- Worktable and protective equipment other than individual protective gear
- Portable Dust Extraction Units (Duster 3000's)
- Creepers - Mac Tools model: CR921
- Floor jack - Mac Tools model: JSA350LR
- Reciprocating saw - Stanley/Dewalt model: DCS 380M1
- Measuring tapes double sided (Metric) - Stanley Dewalt model: 33-719
- Heat gun - Stanley Dewalt model: D26950
- Lights - trouble lights rechargeable LED - Stanley Dewalt

COMPETITORS WILL BE REQUIRED TO USE THE MATERIAL AND EQUIPMENT PROVIDED BY SCC. ALL OTHER MATERIAL AND EQUIPMENT WILL BE REMOVED FROM THE SKILL AREA.

4.2 Equipment and material provided by the competitor

- All required auto body repair technician's tools (see list in project document)

4.3 Required clothing (Provided by competitor)

- Work Coveralls (No disposable coveralls)

5. SAFETY REQUIREMENTS

5.1 Safety workshop

Upon arrival at the Skill area, Competitors will participate in a Safety workshop and they will be expected to work and maintain a safe working area during the competition. Any Competitor breaking any health, safety and environment rules, may be required to undertake a second safety workshop, this will not affect the Competitor's competition time.

5.2 List of required personal protective equipment (PPE) provided by competitors

- Safety Glasses
- Safety Gloves
- Hard Hat
- Hearing protection
- Face Shield
- CSA approved Safety shoes
- Welding helmet
- Welding gloves
- Respiratory protection and dust mask
- Nitrile gloves
- Leather gloves

6. ASSESSMENT

6.1 Point breakdown

POINT BREAKDOWN	/100
Door Skin Project	22
Sectioning Project	42
Aluminum dent repair	10
Measuring, Damage Analysis and information retrieval	16
Aluminum welding	10

7. ADDITIONAL INFORMATION

7.1 Consecutive translation

If consecutive translation is required on site, the Skills/Compétences Canada Provincial/Territorial offices must advise Skills/Compétences Canada National Secretariat a minimum of 1 month prior to the competition or this service might not be guaranteed.

7.2 Tie (No ties are allowed)

In the event of a tie, the competitor with the highest score in the Sectioning Project will be declared the winner.

7.3 Test Project change at the Competition

Where the Test Project has been circulated to Competitors in advance, NTC shall change a maximum of 30% of the work content. Please refer to the Competition Rules.

7.4 Competition rules

Please refer to the competition rules of the Skills Canada National Competition.

8. NATIONAL TECHNICAL COMMITTEE MEMBERS

Member Organization	Name	Email address
British Columbia	Rory Morrison	
Saskatchewan	Greg Siegel	
Ontario - Chair	William Speed	wspeed@cogeco.ca
Québec	Léo Gélinas	
New Brunswick	Don Mackay	
Manitoba	Lawrence Danylchuk	
Alberta	Jim Peterson	
Newfoundland and Labrador	Brian Druken	