



CONTEST DESCRIPTION

Autobody Repair

VIRTUAL SECONDARY

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1 THE SKILLS FOR SUCCESS FOR CAREERS IN THE SKILLED TRADES AND TECHNOLOGY

In response to the evolving labour market and changing skill needs, the Government of Canada has launched the new Skills for Success (*former Essential Skills*) model defining nine key skills needed by Canadians to participate in work, in education and training, and in modern society more broadly. SCC is currently working with Employment and Social Development Canada (ESDC) to bring awareness of the importance of these skills that are absolutely crucial for success in Trade and Technology careers. Part of this ongoing initiative requires the integration and identification of the Skills for Success in contest descriptions, projects, and project documents. The next phase and very important aspect of our Skills for Success (SfS) initiative is to provide a *Skills Report Card* to each competitor at the Skills Canada National Competition. The purpose of the report card is to inform the competitor about their current level of nine identified Skills for Success based on their competition scores. With this knowledge, the competitor will be made aware which skill may require improvement. Full implementation is expected in the next Skills Canada National Competition.

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

¹Numeracy, ²Communication, ³Collaboration, ⁴Adaptability, ⁵Reading, ⁶Writing, ⁷Problem Solving, ⁸Creativity and Innovation, ⁹Digital

These Skills for Success have been identified in section 2.3 and/or 3.2 of your Contest Description and if applicable, in your Project and supporting documents.

2 CONTEST INTRODUCTION

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

https://www.skillscompetencescanada.com/en/skill_area/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

During the SCNC 2022, the secondary category will be hosted virtually.

The competition for your skill will consist of a total of 12 hours.

A detailed schedule will be posted on our website.

2.4 Skills and Knowledge to be tested.

In this contest, competitors will be asked to do 1 sectioning project. The project must be performed in 2 days, each day consisting of 6 hours of work.

3 CONTEST DESCRIPTION

3.1 List of documents produced and timeline for when competitors have access to the documents on the Skills/Compétences Canada website

Project	January 2022
Tool List	January 2022

3.2 Tasks that may be performed during the contest

- Read a procedure
- Measure and mark cut lines
- Sectioning and remove spotwelds
- Adjust and align replacement parts
- Assemble using a variety type of welding: plug welds, butt weld with backing and butt weld without backing

Skills for Success - ¹Numeracy, ⁵Reading, ⁷Problem Solving, ⁹Digital

4 EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment and material provided by Skills/Compétences Canada

- I-Car Sectioning Kits

4.2 Equipment and material provided by the competitor and/or host facility

- All required autobody repair technician's tools (see list on the Skills/Compétences Canada website)
- Compressed air
- MIG/ MAG welding unit
- Air control equipment (welding fume extractors)
- Worktable and protective equipment other than individual protective gear
- Air saw and saw blade
- Measuring tapes double sided (Metric)
- Lights - trouble lights rechargeable LED
- Drill and spotweld drill bit
- Belt sander and 36 grid belt
- Cutting wheel and cutting disc
- Fine marker
- Spot weld remover
- Hammer and dolly
- Chisel
- Grinder and 36 grid grinding disc
- Carbide burs
- Straight grinder

- 8mm hole puncher
- Locking pliers
- Workbench with vice
- ¾ inch masking tape

4.3 Required clothing provided by the competitor

- Work Coveralls (No disposable coveralls)
- Welding coat/jacket and helmet
- Safety glasses
- Face shield

5 HEALTH AND SAFETY

5.1 Safety program

SCC has implemented a comprehensive safety program as health and safety is an integral part of our competitions. Our safety program includes guidelines and procedures to make the work environment in each skill area safer.

5.1.1 Safety manual

As part of our program a safety manual has been created to monitor and document health and safety within each skill area. It includes a definite plan of action designed to prevent accidents. The safety manual will be provided for every skill and these instructions must be followed and respected by all participants and officials at the SCNC.

5.1.2 Safety workshop

During orientation, 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 environmental rules, may be required to undertake a second safety workshop, this will not affect the Competitor's competition time.

5.2 COVID-19 Protocol

The COVID guidelines already in place within the participants' jurisdiction would need to be followed during the SCNC. It is the responsibility of the participants (Competitor, Proctors, NTC members, and anyone onsite during the competition) to ensure that the COVID guidelines are respected.

5.3 List of required personal protective equipment (PPE) provided by the competitor and/or host facility

- Safety Glasses
- Safety Gloves
- Hearing protection
- Face Shield
- CSA approved Safety shoes
- Welding helmet
- Welding gloves
- Respiratory protection and dust mask
- Leather gloves
- Welding coat/jacket

Note: Competitors who do not have the required protective equipment will not be allowed to participate in the competition

6 ASSESSMENT

6.1 Point breakdown

Note: This list is subject to change.

100% of all the points is distributed for the sectioning project only

TASKS	/100
Accuracy of cut lines	24.5
Damage to inner panel	7
Spotweld removal	7
Panel fitment	10.5
Welding butt joint	33
Plug welds	18

7 CONTEST SPECIFIC RULES

<p>Contest specific rules cannot contradict or take priority over the Competition Rules. They do provide specific details and clarity in areas that may vary from contest to contest. Any additional contest rules will be reviewed during the</p>	<ul style="list-style-type: none"> • Competitors are not allowed to bring or use fabricated tools • All tools must have their guard in place
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competitor orientation. Tools / Infrastructure	
Safety	<ul style="list-style-type: none"> Competitors are obligated to wear all PPE required for the task

8 ADDITIONAL INFORMATION

8.1 Interpreter

If a competitor requires the help of an interpreter during the competition, 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 may not be guaranteed.

8.2 Ties

- Tiebreaker #1: In the event of a tie, the competitor with the highest score in the welding section will be declared winner
- Tiebreaker #2: If a tie remains, the competitor with the high score in the measurement section will be declared winner
- Tiebreaker #3: If a tie still remains, the competitor with the highest score in the plud weld section will be declared winner

8.3 Competition rules

Refer to the competition rules of the Skills Canada National Competition which can be found on our website.

9 NATIONAL TECHNICAL COMMITTEE MEMBERS

MEMBER ORGANIZATION	NAME
Newfoundland and Labrador	John Herlidan
New Brunswick	Don Mackay
Quebec	Amir Farrokh – Chair
Ontario	William Speed – Co-Chair
Manitoba	Marcel Bermier
Saskatchewan	Greg Siegel
Alberta	Jim Peterson
British Columbia	Rory Morrison

Contact the Skills/Compétences Canada national secretariat for any questions or concerns: Nathalie Maisonneuve (nathaliem@skillscanada.com).