



CONTEST DESCRIPTION / DESCRIPTION DE CONCOURS

CAR PAINTING

PEINTURE AUTOMOBILE

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/car-painting/>

2.2 Purpose of the Challenge.

Perform refinishing and surface preparation procedures common in the collision industry on various substrates. Competitors will be evaluated on their comprehension of car painting terms and procedures and their ability to perform these tasks in a safe and professional manner.

2.3 Duration of contest.

16 hours

2.4 Skills and Knowledge to be tested.

- Prepare and refinish a plastic substrate.
- Perform surface preparation and paint application on automotive parts.
- Colour matching, mixing and tinting.
- Polishing and masking.

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
Product data sheets	May, 2017
Project instruction sheets	May, 2017

3.2 Tasks that may be performed during the contest

- Clean and prepare panels for paint application.⁷
- Mix and apply undercoats.¹
- Refinish plastic substrates.
- Perform prepping and painting projects on steel body panel⁷
- Remove surface paint defects in basecoat/clearcoat painted panel⁷
- Colour matching utilizing paint manufacturer paint chips
- Colour tinting to a blendable match utilizing spray out cards⁸
- Create a colour without formula (eye match) utilizing spray out cards⁸
- Masking a panel for refinish
- Multiple choice written test.
- Analyzing pre-painted panel for paint defects and recoatability.⁷

Essential Skills – ¹Numeracy, ⁷Thinking (Problem Solving, Job Task Planning & Organizing, Critical)
⁸Document Use

4. EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment and material provided by Skills/Compétences Canada

- Waterborne and solvent technology from *PPG Canada*, will be used for this competition. All clear coat and single stage products will be low V.O.C.
- Sata spray guns (undercoat and topcoat)
- Electric polisher - Stanley Dewalt model: DWP849X
- Work tables and stands
- Protective equipment other than personal protective gear (PPE)
- Sata air supplied respirators
- Paint suits
- Environmental controls
- Sanding equipment, blocks and palm sanders

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

- N/A

4.3 Required clothing (Provided by competitor)

- N/A

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

- CSA approved Safety shoes
- Charcoal filter respirator

5.3 List of required personal protective equipment (PPE) provided by Skills/Compétences Canada (SCC)

- Hearing protection
- Respiratory protection
- Hazardous spill kit
- Nitrile /Latex Gloves
- Non Tinted Safety Glasses - McCordick

6. ASSESSMENT

6.1 Point breakdown

POINT BREAKDOWN	/100
Fender Project – Blending/Gravel gaurd	15
Plastic Project – Bumper cover	15
Polishing/Chip protection Film/Decal Project	15
Masking Project	15
Colour tinting Projects 1, 2 & 3	15
Multiple choice test / defects identification	10
Prepping priming – Dent/Scratch & Plastic	15

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 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.

7.3 Tie (No ties are allowed)

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

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
Ontario - Chair	Daniel Chudy	dchudy@centennialcollege.ca
Nova Scotia	Aaron Hebb	
Manitoba	Derek Molinski	
Québec	Claude Labonté	
British Columbia	Mario Trettenero	
Newfoundland and Labrador	Brian Druken	
New Brunswick	Brandon Belliveau	
Alberta	Cecile Bukmeier	
Industry Representative	Leanne Jefferies	
Saskatchewan	Dale Hawkins	