



2023 Provincial Skills Canada Competition



Contest Description

Edmonton Expo Centre, Edmonton

May 3 & May 4, 2023

EVENT: Car Painting	LEVEL: Secondary																																				
WORLDSKILLS TRADE #: 36	LOCATION: Hall C, Edmonton Expo Centre, Edmonton																																				
DURATION: 14 Hours (Two Days)																																					
COMPETITION SCHEDULE: <u>May 3</u>	<u>May 4</u>																																				
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COMPLETION OF DAY 2	4:00PM																																				

Note:

- Competitors must wear supplied identification Tags/Badges
- Competitors must not speak to spectators, other competitors, teachers or advisers during competition.
- Competitors requiring clarification of instructions or questions during competition must seek it from a Provincial Technical Committee Member (PTC).
- Washroom breaks – committee member must escort competitor.
- I-Pods, cellular phones, or other electronic devices are not allowed in the competition area.

CONTEST INTRODUCTION

To evaluate each competitor’s comprehension of Car Painting terms and procedures, and their ability to perform these tasks in a safe and professional manner.

Purpose of Challenge:



OEM Recycled - Aftermarket - Remanufactured



COLLISION REPAIR PROGRAM PROGRAMME DE CARROSSERIE



German Engineering



by Honeywell



2023 Provincial Skills Canada Competition



To test the competitor's skills at:

- Cleaning
- Surface Preparation
- Masking
- Undercoat Application
- Topcoat Application
- Polishing

Pre-requisites:

- Cleaning Abilities
- Sanding Skills
- Masking Techniques
- Refinish Skills
- Polishing techniques

SKILLS AND KNOWLEDGE TO BE TESTED

- **Cleaning:** To demonstrate proper cleaning techniques using proper cleaners.
- **Sanding:** To be able to featheredge, back sand, and scuff sand using industry standards
- **Masking:** Demonstrate masking techniques to protect areas from unwanted overspray without using excessive materials.
- **Polishing:** Demonstrate ability to remove defects from a refinished panel and polish clear coat to back to a high gloss finish.
- **Undercoat Application:** Be able to mix/catalyze undercoats, set-up a spray gun, and apply undercoat materials as per manufacturer's tech sheet.
- **Topcoat Application:** Be able to mix solvent and waterborne base coats, set-up a spray gun and apply as per manufacturer's technical data sheet.

PROJECT DESCRIPTION

Please see detailed project information at the end of this document.

SAFETY

Each competitor **must**:

- Wear CSA approved, steel toed, footwear (competitors responsibility)
- Wear coveralls (provided)
- Wear safety glasses (competitors responsibility))
- Wear dust respirator (provided)
- Wear cartridge respirator (provided)
- Wear gloves when necessary (solvents) (provided)
- Abide by all safety regulations





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- Do Not use compressed air to blow self-off

The use of I-Pods, cellular phones, or other electronic devices will not be allowed in the competition area.

Equipment and Materials Supplied by the Committee:

Non-allergenic Nitrile Gloves	Disposable painter’s coveralls	Ear Plugs
Charcoal respirator	Fresh air respirator while spraying	
Spray guns	Particle masks	
The Provincial Committee will provide all the necessary tools, equipment, and materials for the competition.		

Please note: Competitors must use the tools provided by the committee. Personal air tools (other than the listed equipment) will not be allowed in the event area.

Equipment and Materials Competitors Must Supply:

Safety glasses with side shield and brow bar	Safety footwear (CSA Approved)	
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JUDGING INFORMATION

The contestants will be judged on specific project standards, as determined by industry acceptance, as well as the technical committee and judges. Contestants will also be asked a number of verbal questions throughout the competition.

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations
[Regional and Provincial Rules and Regulations](#)

Competitor Registration

Registration for Provincial Skills Canada Competition (PSCC) will open online on January 18, 2023 @ 8:30 AM. Please refer to this competitions event page for additional registration and competition information: <https://skillsalberta.com/competition/>

Lunch

Lunch for accredited competitors will be provided by Skills Canada Alberta. Teacher accreditation can be purchased online at: <https://skillsalberta.com/hospitality-access-pass>





2023 Provincial Skills Canada Competition



Parking & Venue Maps: <http://edmontonexpocentre.com/attend/parking/>

Opening Ceremonies / Competitor Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 2, 2023 at 6:00 pm in Hall D of the Edmonton EXPO Centre. Admission is free, and everyone is welcome to attend. It is important to note that competitor registration will open immediately following the Opening Ceremony.

Awards Ceremony

The Awards Ceremony will take place on Thursday May 4, 2023 at 6:30 pm in Hall D of the Edmonton EXPO Centre. Admission is free and everyone is welcome to attend. The Awards Ceremony will be shown live at <http://skillsalberta.com/>

Team Alberta Information

Team Alberta will be selected at the PSCC Awards Ceremony. Gold medalists will then be eligible to participate at the Skills Canada National Competition (SCNC) on May 24- 27, 2023 in Winnipeg MB. It is recommended that competitors review the SCNC contest description to be familiar with the national contest description and project at <http://www.skillscanada.com/>.

During the PSCC Awards Ceremony on Thursday May 4, 2023 gold medalists will be given their Team Alberta information package and will confirm their participation in the SCNC. Students must be present at the Awards Ceremony to claim their position on Team Alberta. If the Gold medalist is not able to attend SCNC, the next top ranking individuals will be asked to participate. If a student is not able to attend the Awards Ceremony a letter confirming the student's interest in Team Alberta participation must be emailed to javierad@skillsalberta.com prior to the start of competition on May 3, 2023.

Please prepare your students in advance to accept a position on Team Alberta and outline how your school will support their participation. Furthermore, it is very important that all fieldtrip/travel information for potential Team AB members is organized and completed prior to the selection of Team AB.

Questions?

Please contact Kennedy Mayer at kennedym@skillsalberta.com if you have any questions regarding the Contest Description.



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COMMITTEE MEMBERS

Cecile Bukmeier (Chair)	Ryan Pomdelli	Daniel Addante
Stephen Giordano	Dalton Litzenberger	Nicholas Chan
Shannon Paluch	Garret Weiss	Jessica Anderson

PLEASE SEE DETAILED PROJECT INFO BELOW





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Masking Project

- You will mask a fender and front door.
- You must use the same masking materials shown on display picture for select areas.
- A minimum of 18" (45cm) barrier is required around the panels
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Clean vehicle and mask panels to match display picture.

ALL MASKING WASTE MUST BE KEPT IN COMPETITOR WASTE BIN

STOP

Clean up area.



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Polishing Project

- You must remove all defects from the clear coat finish on the panel.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Pick a hood and mask other half with 36" paper.

STOP

Remove clear coat defects and prepare hood for compound stage.

STOP

Compound and polish hood.

STOP

Clean up area.

STOP



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Prep Project

- You will fix and prepare a damaged panel for paint. You must choose a blendable match from the spray out cards provided.
- When you come to a **STOP** you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Pick a fender and write your number on the back.

STOP

Evaluate spray out cards and select match. Give selection to a judge.

STOP

Repair damage, sand and mask fender for spot prime.

STOP

Apply primer and prepare remainder of panel for paint application

Mask area for two tone to match display panel.

STOP





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Painting Project

- You will perform a spot repair on a vehicle panel.
- When you come to a **STOP** you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Select fender and place in booth.

STOP

Mix basecoat as per manufacturer recommendations.

Apply basecoat to repair area.

Clean gun in appropriate solvent.

STOP

Mix clear coat as per manufacturer recommendations.

Apply clear coat to entire panel.

Clean up area.

STOP



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Paint Defect Analysis

- You must identify the defects on each panel and a recommended repair.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Identify the defects on each panel and record on provided worksheet.

Record a recommended repair for each defect.

Provide completed worksheet to judge.