



2023 Provincial Skills Canada Competition



Contest Description

Edmonton Expo Centre, Edmonton

May 3 & May 4, 2023

EVENT: Landscape Horticulturist	LEVEL: Post-Secondary																		
WORLDSKILLS TRADE #: 37	LOCATION: HALL A, Edmonton Expo Centre																		
DURATION: 12 hours (two days)																			
COMPETITION SCHEDULE:																			
May 3:	May 4:																		
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CONTEST INTRODUCTION

Purpose of Challenge

Each team will be required to complete the layout and build the project as described in the plans provided. The competition will involve the preparation and installation of various materials, such as natural stone, precast concrete, wood, substrates, mulch, plants, and other landscape elements. Competitors will be expected to demonstrate adaptability and resiliency.

PROJECT DESCRIPTION

Tasks that may be performed during the contest

- Reading plans
- Paving stone installation
- Softscape installation (Planting woodies and herbaceous, turf and mulch installation)
- Cutting and laying of natural stones
- Woodworking





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- Use of technical elements (Lighting, Water features, etc.)
- Softscape design decisions (knowledge of and placement of plant material)

EQUIPMENT & MATERIAL

Equipment and Materials

- Rubber mallet or deadblow hammer - 2 per team
- Sledgehammer, 3 or 4 lb - 2 per team
- Masonry hammer-stone working - 2 per team
- Carpenters hammer-'straight claw' - 2 per team
- Wood and stone Chisels, assorted - 6 per team
- Saw-hand saw - 2 per team
- Combination Square/Speed Square 12 - 16 inch combination - 2 per team
- Carpenter's square - 2 per team
- Chalk Line
- Marking utensils - 10 per team
- Masonry string - 50 ft. roll-2 per team
- Torpedo level - 2 per team
- Carpenters level (2 ft.) -2 per team
- String Level - 2 per team
- Wood clamps (6"-10")
- Tape measures-metric & imperial (25 feet) - 2 per team
- Utility knife and extra blades - 2 per team
- Sandpaper with block or holder 6 sheets per team
- Various masonry and finishing trowels - 8 per team
- Drill bits - assorted
- Screwdriver bits assorted
- Hand brush
- Wire cutters/wire strippers
- Wash brush
- Calculator with basic functions

***Note:** Any tool not listed must be approved for use by the Provincial Technical Committee (PTC). A written application (or email) to the PTC chairperson must be submitted at least 1 month before the competition start. Teams are not required to bring all listed tools but may choose to bring what they feel is appropriate for the competition.



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Required Clothing Provided by the Competitor:

- CSA approved Safety boots (above ankle)
- Hearing protection
- Knee pads
- Appropriate gloves for handling precast concrete products and wood
- Half face dust mask (filter: P100)
- Safety clothing or jacket with reflective strips
- Long work pants (no jeans) in good condition
- Short sleeve shirt or sweater
- Long sleeve shirt or sweater
- Additional clothing
- Loose clothing not permitted
- No loose jewelry or rings
- No long loose hair

Note: Contestants who do not have the required protective gear will not be allowed to participate in the contest

Equipment and Materials Supplied by the Committee:

- Workspace Installation
- Each competition team will have a workspace and storage space
- The construction area must have clearly defined benchmark for vertical measurements. Each team's construction area will have been previously filled and compacted with compacting sand.
- Each team will have equal, fair access to their site
- Husqvarna Portasaw ms 360 c/w stand
- Exacto knife blades
- 18v self-leveling rotary laser package
- Measuring rod (metrics)
- 10" compound sliding miter saw, c/w tables
- 10" 80T precision trim blade
- Circular saw 7.25" (20v) c/w blade
- 7.25" 40T precision finish blade
- Impact drill (20v)
- 48" carpenters' level
- 18"x24" building square
- Round shovel
- Square shovel



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- 2 x 20 liters pail
- Hand-operated compactor
- Rakes
- Brooms

Toolboxes Guidelines

One of the objectives of SCC is the sustainability of the Competition. As a result, the toolboxes brought by competitors will be restricted to the following maximum specifications. The Competitor toolbox must not exceed 1.5 meters in volume. It can be multiple toolboxes but the total of all toolboxes must not exceed the maximum volume indicated. There is no exception to this rule. If the Competitor toolbox is larger than what is indicated, the Competitor with the guidance of the PTC, will need to remove items from the toolbox and those items will not be used during the competition. All tools must fit inside one or more toolboxes. Tools outside of a toolbox will not be permitted.

JUDGING CRITERIA (SUBJECT TO CHANGE)

A) <i>Horizontal Measurements</i>	15%
B) <i>Work Process</i>	15%
C) <i>Vertical Measurements</i>	15%
D) <i>Completion of Softscape</i>	15%
E) <i>Hardscape Construction</i>	15%
F) <i>Other items (wood, stone etc.)</i>	15%
G) <i>General impression</i>	10%
Overall Total	100%

CONTEST SPECIFIC RULES

Topic/Task	Contest Specific Rule
Use of technology - personal laptops, tablets and mobile phones	<ul style="list-style-type: none"> • The use of electronic devices is prohibited by competitors during the competition. A device must never be in the hands of a competitor at the competition site.
Drawings, recording information	<ul style="list-style-type: none"> • The plans must remain on site and never leave the site.



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TIE BREAKING PROCESS

Tiebreaker #1: The team with the highest score in the criteria's A to F will be declared the winner.

Tiebreaker #2: The team with the highest score in the criteria G will be declared the winners.

Tiebreaker #3: The team with the highest score in the criteria B will be declared the winners.

CLOTHING REQUIREMENT

It is important that competitors present a professional image and appearance. Appropriate work clothing must be worn to compete. All clothing must be neat, and clean and free of rips and tears. Casual wear such as shorts will not be permitted. No loose fitting clothes or jewelry.

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 safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations

[Regional and Provincial Rules and Regulations](#)

Lunch

Lunch for competitors will be provided by Skills Canada Alberta.

Parking & Venue Maps

<http://edmontonexpocentre.com/attend/parking/>

Opening Ceremonies / On-site Provincial 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





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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.skillsalberta.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.

Test Project change at the Competition

Where the Test Project has been circulated to Competitors in advance, PTC can change a maximum of 30% of the work content.

Questions?

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

COMMITTEE MEMBERS

Kathryn Hutchison	Joel Beatson
Stephen Carlton	Chris Robertson
Elizabeth Kawahara	Gerard Fournier