



Contest Description

Edmonton Expo Centre, Edmonton

May 6 & 7, 2026

EVENT: Bricklaying	LEVEL: Post-Secondary
SCHEUDLE MAY 6: Orientation: 7:30 AM Competition start: 8:00 AM Lunch: 11:00 AM – 12:00 PM Competition End: 3:00 PM MAY 7: Orientation: 7:30 AM Competition start: 8:00 AM Lunch: 11:00 AM – 12:00 PM Competition End: 3:00 PM	LOCATION: Hall A, Edmonton Expo Centre, Edmonton
DURATION: 12 hours (Two days)	WORLDSKILLS TRADE #: 20

Please Note: This document is subject to change as competition information is updated. Competitors are responsible for staying up to date with the most recent information. Check the footer for last updated date. Changes will be highlighted in yellow.

CONTEST INTRODUCTION

The project consists of practical work reflecting artistic and structural masonry elements of building construction. The materials may be brick, concrete block, glass block and/or natural stone. Decorative elements may include arches, all possible bonds, flat and/or curved walls, projecting and/or recessed units and non-dimensional cut stone. Theoretical knowledge is not tested but necessary to carry out the practical work on the project.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Measuring lengths
- Calculating and marking angles
- Determining layout and drawing interpretation and compliance with plans
- Gauging
- Cutting masonry material *Brick cutting (not including 90 degrees) to be limited to a maximum of 25% of the total numbers of bricks
- Leveling, plumbing and alignment
- Building corners



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- Building walls of different bonds, materials and unit positions
- Building arch forms and arches
- Compliance with the plans
- Jointing; finish and accordance with plans
- Cleaning
- Organization of workstation and general housekeeping

PROJECT DESCRIPTION

This project will challenge the competitor's ability to follow detailed plans, precisely lay out masonry walls, keep walls level and plumb, work cleanly and neatly as well as precisely cut and shape masonry units. The competitors may also be utilizing math and geometry skills to build arch forms.

EQUIPMENT AND MATERIALS

Equipment and Materials Competitors Must Supply:

CSA Approved Safety Boots	CSA Approved Safety Glasses	Line and line holders
Round jointer (7/8" recommended)	Flat jointers (6mm (1/4") 1 Long And 1 Short)	Appropriate work clothes, including gloves
Wheel raker	Brick hammer	Soft bristle brush, carpet, foam
Trowel	Metric tape & gauge tape	Levels
Angle finders (digital/electronic acceptable)	Bond paper	Brick set (Bolster)
Square(s)	Chalk line	
Safety glasses, over-glasses or Z87-2+ prescription glasses with side shields	CSA Approved Safety Boots (No safety shoes)	

Equipment and Materials Supplied by the Committee:

Mortar, brick, block, glass block and stone to a maximum of 15kg (30lbs) per unit	14" masonry wet saws <u>with silent blades</u> . (1 per 2 competitors)	Competitor stations: planks, mortar boards, water jugs,
Floor protection	Mortar mixer & water barrels	Wood for templates and forms

Power tools and fastening hardware	Shovels, brooms, wheelbarrows, pails, brick tongs,	
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Competitor Station

- Each competitor will have a working area of least 9 m². The floor surface will be even (± 5 mm and 2 m long), horizontal and have an adequate loading capacity. There will be sufficient space for delivery and storage of material.
- There will be a space of 1 m between public barrier and the competitor materials

COMPETITION SPECIFIC RULES

The following Competition Specific rules along with SCA's overall Policies and Procedures provide specific details in competition areas that may vary from one another. Any additional contest rules will be reviewed during the Competitor Orientation.

Topic/Task	Contest Specific Rule
Use of Technology	Competitors are not allowed laptops, tablets, cameras, cell phones, ear buds, calculators or other personal electronics in the competition area unless specified by the committee for certain tasks.
Use of Artificial Intelligence (AI)	Competitors cannot use AI to develop/generate any of the submitted work for any aspects of the competition.

JUDGING CRITERIA

The project will be judged on the following criteria:

- Safety
- Overall appearance and neatness
- Completion time
- Alignment

- Level
- Plumb
- Jointing
- Dimensions and gauge
- Joint uniformity and finish
- Housekeeping and station cleanliness

Ties

- **Tiebreaker #1:** In the event of a tie, the competitor with the highest score for Plumb (vertical alignment) criteria will be declared the winner.
- **Tiebreaker #2:** If a second tie occurs, the competitor with the highest score in the Joint uniformity and finishing criteria will be declared the winner.
- **Tiebreaker #3:** If a third tie occurs the competitor with the highest score in the Detail criteria will be declared the winner.

CLOTHING REQUIREMENT

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, sweatpants, track pants and open toed shoes/sandals 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 proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

ADDITIONAL INFORMATION

Skillz & Thrillz Podcast

Check out our podcast – Skillz & Thrillz: Alberta's Trade & Tech Youth Podcast. Our talented alumni share tips and tricks on how to succeed in competitions and your career! Their insights can help you prepare for your Skills journey, and who knows, you might just be a future guest!

<https://skillsalberta.com/student-resources/skillz-thrillz-albertas-trade-tech-youth-podcast/>



Skills Canada Alberta Regional and Provincial Rules and Regulations

[Regional and Provincial Rules and Regulations](#)

Test Project change at the Competition

Where a Test Project has been circulated to competitors in advance, the PTC can change the project up to a maximum of 30% of the work content for the competition.

Lunch

Lunch for competitors will be provided by Skills Canada Alberta.

Parking & Venue Maps

Parking is FREE for all attendees.

Attendees **MUST** register for FREE parking by clicking the below link. Attendees can pre-register their vehicle at anytime prior to the PSCC or register onsite at the PSCC.

<https://www.offstreet.io/events/CBLHM7U1>

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

Opening Ceremonies / Competitor Onsite Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 5, 2026, 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 Ceremonies.

Awards Ceremony

The Awards Ceremony will take place on Thursday May 7, 2026, 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 27- May 30, 2026, in Toronto, Ont. It is recommended that competitors review and become familiar with the SCNC contest description and project at <https://www.skillscompetencescanada.com/en/event/skills-canada-national-competition-2026/>

During the PSCC Awards Ceremony on Thursday May 7, 2026, 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 highest-ranking individual will be asked to participate. If a student is not able to attend the Awards Ceremony an email confirming the student's interest in Team Alberta





participation must be emailed to javierad@skillsalberta.com prior to the start of competition on May 6, 2026.

Please prepare your students in advance to accept a position on Team Alberta and review how your school will support their participation.

Please see this link for additional Team Alberta information: <https://skillsalberta.com/team-alberta/>

Questions?

Please contact Mike Sury MikeS@SkillsAlberta.com

COMMITTEE MEMBERS

Derek Kowalchuk (Chair)

Kevin Donaghey (Co-chair)

Brendan Labuc (Safety)

Max Capella (Try-A-Trade®)

Tiago Fernandes (Try-A-Trade®)



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