



CONTEST DESCRIPTION

Bricklaying

TEAM CANADA

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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, ⁵Readingt, ⁶Writing, ⁷Pro blem Solving, ⁸Creativity and Innovation, ⁹Digital

These Skills for Success have been identified in section 2.4 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/bricklaying/

2.2 Purpose of the Challenge

The competitor will build a project to exact standards from construction documents. The project will consist of cutting and laying bricks and Concrete masonry units to a very high standard ensuring quality in a timely manner and will be judged based on the accuracy of level, plumb straight, and measurements. The contest will require the competitor to apply mortar as a rendering or a parge coat to a set thickness as specified by the contest drawings.

2.3 Duration of contest

12 Hours

2.4 Skills and Knowledge to be tested.

- Cutting and laying brick and Concrete masonry units.
- Reading construction drawings
- Measurements
- Attention to detail
- Joint finishes

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

DOCUMENT	DATE OF DISTRIBUTION
Project	January 2022

3.2 Tasks that may be performed during the contest

- Laying Masonry units
- Measuring¹
- Cutting masonry units¹
- Plumbing and leveling Masonry units
- Parging/ rendering⁷
- Print reading⁵
- Joint finishing⁵
- Cleaning masonry

Skills for Success – ¹Numeracy, ⁵Reading, ⁷Problem Solving

4 EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment and material provided by Skills/Compétences Canada

- Mortar Mixer
- Masonry Saw
- Power tools
- Shovel
- Mortar box
- Mortar board

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

- Personal masonry tool kit
- Safety glasses
- Hard hat
- Work boots

4.2.1 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 meters³ 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 NTC, 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.

4.3 Required clothing provided by the competitor

- Long pants
- Shirt with sleeves

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 in order 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 List of required personal protective equipment (PPE) provided by competitors

- Safety glasses
- Steel toe safety boots
- Hard hat

5.3 COVID-19 Protocol

The COVID-19 guidelines will be shared as soon as they are available.

The COVID-19 guidelines will be subject to change based on the BC COVID-19 guidelines in place at the time of the competition.

6 SAFETY REQUIREMENTS

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

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

- Hearing protection
- Dust masks

6.3 List of required personal protective equipment (PPE) provided by the competitor

- Safety glasses
- Steel toe safety boots
- Hard hat

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

7 ASSESSMENT

7.1 Point breakdown

Note: This list is subject to change.

TASKS	/100
Dimensions	20
Level	12
Plumb	20
Alignments	8
Angles	5
Details	11
Health and safety	6
Jointing	8
Finish and Cleanliness	10

8 CONTEST SPECIFIC RULES

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 competitor orientation.

Use of technology - personal laptops, tablets and mobile phones	<ul style="list-style-type: none"> • Not allowed • No communication with coaches/teachers during competition time.
Drawings, recording information	
Tools / Infrastructure	<ul style="list-style-type: none"> • No cleaning detergents are allowed, only water is permitted to clean projects. • Templates or angles are only allowed in increments of 15° • No premade forms allowed. • Only power tools supplied by Skills can be used.

9 ADDITIONAL INFORMATION

9.1 Interpreter

If a competitor requires the help of an interpreter once onsite 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 might not be guaranteed.

9.2 Ties

- Tiebreaker #1: Completion time
- Tiebreaker #2: Finish and Cleanliness score
- Tiebreaker #3: Plumb score

9.3 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.

9.4 Competition rules

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

10 TEAM CANADA EXPERT

Rene Letoile

Contact the Skills/Compétences Canada national secretariat for any questions or concerns: Sophie Courchene at sophie@skillscanada.com