



CONTEST DESCRIPTION / DESCRIPTION DE CONCOURS

WORKPLACE SAFETY

SECURITÉ SUR LE LIEU DE TRAVAIL

SECONDARY /
NIVEAU SECONDAIRE

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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

Occupational Health and Safety (OHS) concerns itself with the health and safety of workers by considering the relationship between employees, their work environment, the work carried out, the materials used, the equipment used, and the impact each has on workplace health and safety. A successful OHS program requires (1. Hazard Identification 2. Assessment of the risk associated with the hazard 3. The control measures put in place to reduce or mitigate the risk).

2.1 Description of the associated work role(s) or occupation(s).

<http://skillscompetencescanada.com/en/careers/employment/workplace-safety/>

2.2 Purpose of the Challenge

To assess competitors' understanding of OHS principles and ability to perform OHS-related duties, including:

- Identifying hazards and recommending corrective action
- Displaying an understanding of hazard control
- Effectively communicating OHS information

2.3 Duration of contest

This competition consists of three activities scheduled over two days. The three activities are:

1. Hazard Identification (inspecting a mock workplace)
2. Hazard Control Search (visiting Skills Canada competition sites to find examples of hazard control)
3. OHS Presentation (preparing and delivering an OHS presentation to judges and co-competitors)

At the competition orientation, each competitor will receive a schedule, indicating the time they are to do each activity over the two competition days. Competitors are expected to follow the schedule and arrive on time for each of their three activities. Refer to “**LATE PENALTY**” in Part 3 for more information.

Competitors will move through the activities in small groups, identified at the time of orientation.

2.4 Skills and Knowledge to be tested.

- Core knowledge of OHS principles
- Ability to:
 - Identify and assess workplace hazards and to recommend corrective action^{2, 7}
 - Recognize and discuss hazard controls^{2, 7}
 - Effectively communicate OHS information²

²Oral Communication, ⁷Thinking (Problem Solving, Critical, Decision Making), ⁹Digital

3 CONTEST DESCRIPTION

3.1 List of documents produced and timeline for when competitors have online access to the documents.

DOCUMENT	DATE OF DISTRIBUTION VIA WEBSITE
Test Projects	January, 2017

3.2 Tasks that will be performed during the contest

Hazard Identification

(45 minutes. Worth 36%)

Each competitor will inspect a mock workplace for hazards. The hazards may include the following:

Hazard	Example
Physical	Uneven floor, missing safety guard
Chemical	Leaking container, hazardous materials spill
Biological	Used needles, blood
Ergonomic	Awkward postures, repetitive motion tasks
Psychosocial	Bullying, harassment, violence

Each competitor will complete a written hazard assessment of the mock workplace identifying **12 hazards**, and for each hazard identify the following:

- What could happen?
- What needs to be done to control the hazard?

Hazard Control Search

(3 hours. Worth 32%)

Competitors will visit Skills Canada competition sites, to find hazard controls that have been implemented by competition organizers⁹. Competitors visit and observe at several selected competitions, pre-determined by the NTC, to collect information which they will use to provide written answers to a series of questions. Questions may cover such areas as:

- Hazards associated with the work done at a competition site
- The nature of hazard controls observed (Elimination/Substitution, Engineering control, Administrative control, or PPE)
- A description of the control (using words and/or diagrams)
- Challenges associated with implementing controls

When collecting information on hazard control, competitors will be expected to use a combination of observing and asking questions, always respectful of the fact that a competition is going on, and that distractions will not be permitted.

OHS Research/ Presentation

(4 hours. Worth 32%)

Each competitor will deliver a 6-8 minute OHS presentation, researched and prepared on site, and delivered electronically. The presentation topics, assigned on Day One, will be assigned by random draw from a list of safety topics prepared by the NTC. Competitors will be judged on how well they organize and communicate the key points of the topic assigned, and will be scored on both content and delivery.

4 EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment and material provided by Skills/Compétences Canada:

- Personal Protective Equipment, as needed for the competition, excluding safety footwear
- Clip board and pens (Hazard Identification and Hazard Control Search)
- Screen and projector (OHS Presentation)
- Onsite research material, e.g. wired internet connection (OHS Presentation)
- Printer (OHS Presentation)
- Wired Internet connection

4.2 Equipment and material provided by the competitor:

- Competitors are required to bring a laptop with power cord to the first day of competition for use during the OHS Research/Presentation.
- Laptops must have access to presentation software, e.g. PowerPoint, Prezi, Prezentit, Empressr, etc. If a competitor cannot bring a laptop to 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 to arrange a laptop for use at the competition or this service might not be guaranteed.

4.3 Required clothing provided by competitor:

- Long Pants covering the ankle (All Activities)
- Provincial / Territorial competition shirt (All Activities)
- Closed toe shoes (Hazard Control Search and OHS Presentation)
- CSA grade 1 safety boots or shoes (Hazard Identification)

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 grade 1 safety boots or shoes

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

- Hard Hat
- Safety Glasses
- Safety Vest
- Hearing Protection

6 ASSESSMENT

6.1 Point breakdown

POINT BREAKDOWN	/100
Hazard Identification	36
OHS Research/Presentation	32
Hazard Control Search	32

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 Tie (No ties allowed)

In the event of a tie the National Technical Committee will determine the final results based upon which competitor of the tie has the highest mark in Hazard Identification. If this still results in a tie, the National Technical Committee will determine the final results based upon which competitor of the tie has the highest mark in Hazard Control Search. If this still results in a tie, the National Technical Committee will determine the final results based upon which competitor of the tie has the highest mark in OHS Research/Presentation.

7.3 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.

7.4 Competition Rules

Please refer to the competition rules for the Skills Canada National Competition.

7.5 Skill area specific rules

Late penalty

Competitors must attend:

- Competition Orientation
- Each activity on time
- Competition Closing

Failure by a competitor to attend either the competition orientation or closing, or arriving late for their scheduled activities will result in a score deduction of 5 marks for each infraction.

8 NATIONAL TECHNICAL COMMITTEE MEMBERS

Member Organization	Name	Email address
Manitoba - Chair	Peter Fleming	pflaming@svsd.ca
New Brunswick	Paul Landry	
Newfoundland Labrador	Jennifer Wilson	jncwilson98@yahoo.com
Nova Scotia	Eric LeFort	
Nunavut	Paul Carolan	
Ontario	Mary Wilson	
Prince Edward Island	Clare Waddell	
Saskatchewan	Brad Compton	
Yukon	Natalie Thivierge	