

## ***Contest Description***

<b>COMPETITION DATE:</b> Saturday, November 6, 2021	<b>CONTEST AREA NAME:</b> Workplace Safety
<b>CONTEST AREA NUMBER #:</b> 92	<b>LEVEL:</b> Intermediate
<b>DURATION OF CONTEST:</b> 1 hour on competition day plus prior OHS presentation preparation	<b>LOCATION:</b> Virtual

## **CONTEST INTRODUCTION**

The purpose of this contest is to assess competitors' understanding of Occupational Health and Safety (OHS) principles, application and performance of OHS-related duties including:

- Identifying hazards and recommend corrective actions
- Effectively communicating OHS information

This contest will be comprised of two activities:

1. Hazard Identification (inspecting a virtual workplace on the day of competition)
2. OHS Presentation (preparing a presentation in advance to be delivered via Zoom meeting on the day of competition).

Skills and Knowledge to be tested:

- Apply core knowledge of OHS principles
- Ability to identify and assess workplace hazards and to recommend corrective action
- Ability to effectively communicate and understand OHS information.

## CONTEST DESCRIPTION

Tasks that will be performed during the contest:

### 1. Hazard Identification (Worth 40%)

Each competitor will be given a photo that is staged to show a number of hazards or dangerous work habits. Components of this activity include:

- Performing a virtual workplace inspection
- Identification of hazards that are physical, chemical, biological, ergonomic, etc. in nature
- Identification of hazards that may include such aspects as housekeeping, hazardous materials, personal protective equipment, unsafe equipment, first aid, and signage
- Completion of a table naming the hazard and identifying the classification of the hazard, describing the potential injury associated with the hazard, and suggesting the appropriate corrective action.

#### *What are competitors required to do for this activity?*

- Each competitor will be given a photo of a staged workplace or work practice.
- Each competitor will complete a hazard assessment form identifying **multiple hazards** for each pictured workplace / work practice.
- On each form, the competitor must identify the following:
  - i. What is the hazard?
  - ii. What type of hazard? (classification e.g. Ergonomic)
  - iii. What could happen?
  - iv. What needs to be done to control the hazard?

An example is shown below:

Identify Hazard (1)	Identify the Hazard Classification (1) (Circle the Correct Answer)	What could happen? (1)	What needs to be done to control the hazard? (1)
Tool with frayed electrical cord	Physical Chemical Health Ergonomic Psychosocial	Worker could get electrocuted	Cord needs to be removed from service and replaced with properly maintained tool

	Safety Workplace		
Unidentified bottle of liquid – Unknown substance	Physical Chemical Health Ergonomic Psychosocial Safety Workplace	Worker can improperly use chemical creating potential reaction or exposure.	Workplace label required (WHMIS / GHS)

### ***How will competitors be marked?***

For each hazard identified, the competitor will earn:

- 1 mark for identifying a hazard
- 1 mark for the classification of that hazard
- 1 mark for explaining why it is a hazard, or ***“what could happen”***
- 1 mark for correctly describing ***“what needs to be done to control the hazard,”*** thus preventing injury.

### ***What might competitors do to prepare for this activity?***

To prepare for this activity competitors may wish to:

- Use this link [http://www.ccohs.com/oshanswers/hsprograms/hazard\\_risk.html](http://www.ccohs.com/oshanswers/hsprograms/hazard_risk.html) to check out “What are examples of hazards?” and “What types of hazards are there?”
- Use this link <http://www.ccohs.ca/oshanswers/prevention/effectiv.html> to check out “What type of hazards do we look for in a workplace?”
- Do an online search of “workplace hazards.”
- Talk to parents and other experienced workers about hazards in their workplaces.

- Talk to a member of the Occupational Health and Safety Committee at their school or at a workplace.
- Review the following examples of hazard classifications:

Hazard Classification	Example
Physical	Temperature, indoor air quality, mould, noise, radiation
Chemicals	Chemicals, WHMIS/GHS/SDS, leaking container, hazardous materials spill
Health	Biological, diseases, disorders, injuries, pandemics
Ergonomic	Lifting, pushing/pulling, lighting, office, sitting/standing, slips/trips/fall, shift work, tools, musculoskeletal disorders, awkward postures, repetitive motion
Psychosocial	Stress, Physical and Emotional violence/bullying
Safety	Driving, electrical, ladders, garages, ladders, machinery, material handling, tools, forklifts, platforms
Workplace	Confined spaces, indoor air quality, lasers, scents, temperature, ventilation, violence, weather, working alone

A copy of the hazard assessment form will be made available via Google.

## 2. OHS Research/Presentation (Worth 60%)

Each competitor will select and research a safety topic of their choice from the list below and be required to perform a 5 minute presentation to the judges on competition day via Zoom meeting.

Components of this activity include:

- Research of an OHS related topic (listed below) to determine key information to be communicated
- Development of a dynamic and informative five-minute presentation
- Delivery of information to the judges in an effective and engaging manner via Zoom meeting.

***What are competitors required to do for this activity?***

- Competitors will choose one of the following three safety topics:
  - **Road Safety**
  - **Accident/Incident Investigations**
  - **Food Safety**
- Competitors will research the topic (i.e.: internet search), outlining key points to be communicated
- Competitors will develop a five-minute presentation around their topic.
- Competitors may choose to incorporate the following formats within their presentation:
  - The use of presentation programs (Power Point, Prezi, etc.)
  - Presentation style (Visual, Freeform, Instructor, Coach, Storytelling, Connector, etc.)
  - Spoken, with hand-written/drawn visual aids (posters, pictures, diagrams, etc.)
  - A combination of the above
- Competitors are required to use their own devices (laptop, desktop, smartphone) with the required software that they want to use for their OHS Research/Presentation.
- Competitors will perform a five-minute presentation for the judges on the day of competition via Zoom.
- Presentations should include a brief introduction, content around chosen topic, and a conclusion.
- Competitors will present to the judges and other competitors. Presentations will be recorded for judging purposes only and shall not be shared with others.
- Competitors are required to indicate the “reference source” of the material used at the end of their presentation.

***How will competitors be marked?***

- Competitors will be marked on how well they have researched their chosen topic.
- Competitors will be marked on the structure and content of the presentation they develop.
- Competitors will be marked on how well they are able to communicate the information they have prepared.

**Presentation Scoring Guide**

	Marking Criteria	Potential Score
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Research	<b>Engagement</b> <ul style="list-style-type: none"> <li>Was the competitor enthusiastic?</li> </ul>	4
	<b>Time management</b> <ul style="list-style-type: none"> <li>Was the competitors' presentation 5 minutes? 2 points less than 2 minutes; 4 points less than 3 minutes; 6 points less than 4 minutes; 8 points between 4 minutes and 6 minutes; 6 points if greater than 6 minutes</li> </ul>	8
	<b>Sources used</b> <ul style="list-style-type: none"> <li>Did competitor consult at least two reputable sources?</li> </ul>	4
Presentation	<b>Format used</b> <ul style="list-style-type: none"> <li>Was the format chosen for the presentation appropriate?</li> </ul>	4
	<b>Organization of Content</b> <ul style="list-style-type: none"> <li>Did the competitor make good choices about what key points to include in presentation? Was there a logical sequence around presentation of key points?</li> </ul>	8
	<b>Visuals</b> <ul style="list-style-type: none"> <li>Did visuals reflect care and attention? Were visuals attractive and effective?</li> </ul>	8
Delivery	<b>Introduction</b> <ul style="list-style-type: none"> <li>Did the competitor engage the audience right from the start with a dynamic introduction of themselves and the presentation?</li> </ul>	6
	<b>Delivery of key points</b> <ul style="list-style-type: none"> <li>Did the competitor:               <ul style="list-style-type: none"> <li>act with professionalism, effectively communicate key points, project well?</li> </ul> </li> </ul>	12
	<b>Conclusion</b> <ul style="list-style-type: none"> <li>Did the competitor have a sense of closure of the presentation?</li> </ul>	6
	<b>Total</b>	<b>60</b>

### ***What might competitors do to prepare for this activity?***

Competitors may wish to review OHS websites, including, but not limited to the following:

- Canadian Centre for Occupational Health and Safety [www.ccohs.ca](http://www.ccohs.ca)
- Canadian Society of Safety Engineering [www.ccse.org](http://www.ccse.org)
- Workplace NL [www.workplaceni.ca](http://www.workplaceni.ca)
- NL OHS Act <https://www.assembly.nl.ca/legislation/sr/statutes/o03.htm>
- NL OHS Regulations <https://www.assembly.nl.ca/Legislation/sr/Regulations/rc120005.htm>
- Newfoundland Labrador Construction Safety Association [www.nlcasa.com](http://www.nlcasa.com)

**EQUIPMENT & MATERIALS COMPETITORS MUST SUPPLY:**

Laptop, desktop computer, or smartphone with desired software to use for the OHS Research/Presentation as well as having a good internet connection. Must also have access to Zoom to join competition.	All materials required for the OHS presentation.
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**JUDGING CRITERIA**

Hazard Identification	40%
OHS Presentation	60%
<b>Overall Total</b>	<b>100%</b>

**TIE BREAKING PROCESS**

In the event of a tie, the competitor with the highest score in the OHS Presentation will be declared the winner. If a second tie occurs, the competitor with the highest score in the Hazard Identification will be declared the winner.

**COMPETITION RULES**

Please refer to the competition rules for all general SCPC information.

**SAFETY**

The health, safety and welfare of all individuals involved with Skills Canada NL are of vital importance. Safety is a condition of participation 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.

ALL competitors must complete AND submit a Safety Checklist on or before the day of competition. The Safety Checklist is located online with the Contest Description.

**Please note: Material will NOT be judged if the completed Safety Checklist has not been submitted prior to the start of the competition.**

## ADDITIONAL INFORMATION

**Ethical Conduct:** We recognize that participants will be competing individually in their own unique environments and therefore not all competition conditions can be monitored. However, we expect all competitors to compete fairly, respecting and abiding by the established rules in the true spirit of Skills Canada Newfoundland and Labrador.

**Competition Results and Progression:** The winner of the Workplace Safety competition within the 2020 Skills Canada NL Virtual Competition may progress to provincial competition providing the gold winner obtained a minimum overall mark of 60%. Medals will be awarded to gold, silver and bronze placements (packages will be sent in the mail after the virtual Awards Ceremony). A full ranking of competition results will be posted online.

## PROVINCIAL TECHNICAL COMMITTEE MEMBERS

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