



Project
Workplace Safety

SECONDARY

1 INTRODUCTION

There are three activities in the Workplace Safety competition:

- Hazard Identification
- Hazard Control
- Occupational Health and Safety (OHS) Research / Written Presentation

The purpose of this document is to provide competitors with the additional details of the three activities that make up the 2024 Workplace Safety National competition.

1.1 The activities have the following weight for scoring:

- Hazard Identification 40%
- Hazard Control 40%
- OHS Research / Written Presentation 20%

This document contains an outline of the expectation of each activity and how they will be scored.

Should competitors have further questions, they are encouraged to contact their Provincial / Territorial representative on the Workplace Safety National Technical Committee, or either Chair Geoff Patterson (ON) geoffpatterson1@gmail.com or Co-Chair Craig Skelly (AB) craigskelly@telus.net

2 HAZARD IDENTIFICATION (Value: 40% of final mark)

2.1 Overview

- A fundamental principle of Occupational Health and Safety is recognizing, assessing and controlling hazards in the workplace.
- The Hazard Identification activity requires the competitor to demonstrate these skills by assessing, and suggesting controls for, hazards they identify in a mock workplace. For this activity, the competitors will be asked to:
- Identify the hazards, and for each
 - Define the hazard type (physical, biological, chemical, ergonomic, safety, psychological),
 - Suggest the best type of control (elimination, substitution, engineering, administrative, PPE)
- Record all findings on the hazard identification answer sheet.

2.2 How will competitors be marked?

For this activity, the competitors will be asked to:

1. Identify 12 hazards (12 marks) Please delete highlighted items written in red
2. Hazard category for each hazard (i.e., physical, biological, chemical, ergonomic, safety, psychological) Please note of the 12 hazards, competitors must use at least one of each hazard category (6 marks)
3. For each hazard, suggest the best type of control (9 marks)
4. Additional question regarding hazard identification and control (1 mark)



What is the hazard? Sparks produced by grinding activities	/1
What is the hazard category? Safety	/0.5
Identify controls already in use to mitigate Guard on the grinder	/0.75
What is the type of control. Engineering	/0.5

2.3 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 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 a member of the Occupational Health and Safety Committee at their school or workplace.
- Seek further information on hazard controls:
https://www.ccohs.ca/products/posters/longdesc/hazard_control.html

3 HAZARD CONTROL (value: 40% of final mark)

Observing people at work and identifying hazards is one skill used by the OHS professional to assist in reducing / eliminating injury / illness in the workplace.

3.1 For this activity:

- In this section of the competition, competitors will be asked to observe a competition site selected by the NTC at the time of the competition.
- At the selected site, competitors will be assigned one control (chosen by the NTC)
- Based on the control assigned, they will be asked to identify four (4) potential hazards, explain controls implemented to address the hazards and complete a risk assessment.
- Competitors will then take this information and develop a detailed safe work procedure on one of the tasks observed to control both hazards and risks at the competition site.
- Competitors will observe the competition and collect information which they will use to provide written answers to a series of questions found on the Hazard Control worksheet.

3.2 How will competitors be marked?

For this activity, the competitors will be marked as such:

- Identify 4 hazards **1% (total of 4%)**
- Explain controls for the 4 hazards **1% (total of 4%)**
- Complete a risk assessment **15%**
- Develop a safe work procedure **12%**

3.3 What might competitors do to prepare for this activity?

To prepare for this activity, competitors may wish to:

- Review websites referred to in Section 2.3
- Review what a risk assessment is at
https://www.ccohs.ca/oshanswers/hsprograms/risk_assessment.html
- Check out sample risk assessments online, eg.
https://www.ccohs.ca/oshanswers/hsprograms/sample_risk.html?=&wbdisable=true
- Review the “How do you establish safe work procedures” section found here:
<https://www.ccohs.ca/oshanswers/hsprograms/basic.html>

4 OHS RESEARCH / WRITTEN PRESENTATION (Value: 20% of final mark)

One method of communicating health and safety information is through written and oral communication.

4.1 For this activity:

- The competitor will perform the role of an OHS professional researching an OHS issue at a workplace, in order to develop recommendations to the employer.
- The competitor will be assigned an OHS issue, which they will research, and for which they will develop recommendations.
- Once the recommendations have been developed, the competitor will be provided a document where the recommendations will be written.
- The written presentation of the recommendations will then be submitted to the judges for evaluation who will represent a workplace employer. The competitor will then verbally present the information to the judges. No electronic devices will be used during the verbal presentation.
- Electronic devices are required for this activity – competitors must use a tablet / laptop / computer to research and develop the recommendations.
- Each competitor will represent themselves as an OHS professional.

- Competitors will be judged on how well they organize and communicate the key points.

4.2 How will competitors be marked?

- Research/Content **5%**
- Written report of recommendations **5%**
- Verbal Presentation of recommendations **10%**

4.3 What might competitors do to prepare for this activity?

Review recommended resources from previous activities.

