

# 2017 Workplace Safety – Secondary Project Document



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## Overview

Helping to celebrate Canada's 150<sup>th</sup> birthday, the 2017 Workplace Safety competition theme is 'Trades build a village'.

Each activity in the competition will provide opportunities for the competitor to learn about the history and evolution of the trades which include the field of health and safety and its development as a profession.

The 2017 competition will provide opportunities to learn about and practice Health and Safety Practitioner skills. For example, job observation to identify areas of potential risk, research the history of how some personal protective equipment was developed and its importance in protecting workers and why we have legislation outlines expectations in the workplace.

## Competition activities

1. Work Practice Identification
2. On-site Hazard Search
3. Occupational Health and Safety research
4. Résumé / Job interview

## Scoring

Activity 1:	Work practice identification	40
Activity 2:	On-site Hazard Search	30
Activity 3:	Occupational Health and Safety Research	25
Activity 4:	Résumé / Job interview	5
Total		100

Competitors **must attend** the contest orientation where an overview of the contest, activity specific information and the contest schedule will be provided.

Teachers / advisors / parents may be present at the contest orientation and must then leave the contest area at the time the contest is declared open / started. They may return to attend the contest closing.

At the start of each activity an overview of the activity, timeframe and expectations will be provided by a judge.

### **Pre competition activity requirements:**

- 1) Prepare and provided a current Résumé.

Each competitor **must hand in at time of the contest registration** a Résumé.

A score deduction of zero (0) will be assessed if not received at time of contest registration.

Competitor's required to bring:

- 1) Personal Protective Equipment – safety footwear, green patch is required for two activities.
- 2) Headphones for the OHS research activity
- 3) Résumé

### **Contest preparation:**

- 1) Practice identifying hazards on various interactive website.
- 2) Conduct job task observations at school or work.
- 3) Contact a workplace and ask to observe a workplace inspection.
- 4) Select a piece of personal protective equipment and research its history. For example; when was the first use of a respirator for a mine used?
- 5) Research the various health and safety professional websites and view research documents and resources.

## **Activity 1: Work practice identification**

**Value: 40 %**



Time: 90 consecutive minutes

Value: 40 marks

PPE: Safety footwear (green tab)

This activity will require the competitor to identify past and present work practices found in the mock workplace, revealed at the time of the competition.

Each competitor will be given 90 minutes to complete this activity. There will be more than one competitor completing this activity at the same time.

Each competitor will be required to document their answers on the Workplace practice identification form and hand in the completed form at the end of their allotted time.

### **Competitors will be required to answer the following questions for each area:**

1. Identify two (2) hazardous or unsafe condition(s) from the past? (2 marks)
2. Identify two (2) hazardous or unsafe condition(s) of today? (2 marks)
3. Name the trade that the area is depicting (demonstrating). (1 mark)
4. Identify and describe the differences in the hazards of the trade between old and new. (5 marks)

Each competitor is expected to complete the work practice identification form in the allocated time.

Completed forms must be handed in at the end of the time allocated for this activity to the assigned judge.

**Activity 2: On-site Hazard Search**

**Value: 30 %**

Time: 120 minutes

Part 1: 45 minutes – tour to two (2) other competitions

Part 2: 75 minutes – document findings on job Observation form

Value: 30 marks

PPE: Competitor – will provide safety footwear (green tab)

Technical committee – will provide each competitor with

(a) hard hat and

(b) safety vest

This activity requires the competitor;

Part 1: Be escorted by a judge and with other competitors, to observe two (2) other contests and write down their answers to the questions on the On-site Hazard Search form.

Part 2: Record their findings on the form which is to be handed in at the end of the 120 minutes.

The Technical committee will provide each competitor with:

a) Pen and clipboard

b) Blank Job observation form

c) Hard hat and safety vest, as needed

Each competitor is expected to complete the on-site Hazard form in the allocated time.

Completed forms must be handed in at the end of the time allocated for this activity to the assigned judge.

FORM: On-site Hazard Search form can be on the next page.

## **Activity 2: On-Site Hazard Search Form**

**Competitor's name:**  
**School Board:**

**Mark: \_\_\_\_/30**

1. What is the name of the contest / trade being observed? 1 marks
2. What activity / tasks did you observe? 1 marks
3. Identify two (2) areas / tasks of potential injury and why: 8 marks
  - 1)
  - 2)
4. Identify two potential illnesses and why: 8 marks
  - 1)
  - 2)
5. What personal protective equipment is the competitor's wearing? 2 marks
6. What hand tools are they using? 5 marks
7. What training should the competitor's receive prior to the use of one of the hand tools? 5 marks
  - 1) What is the tool?
  - 2) What training should they have received?

**Activity 3: Occupational Health & Safety Research    Value:       25 %**

Time:            120 minutes  
                    Part 1: 45 minutes – complete an On-line OHS program  
                    Part 2: 75 minutes – complete the OHS history research

Value:           25 marks  
                    Part 1 On-line OHS Program      10 marks  
                    Part 2 OHS history research      15 marks

PPE:            closed toed shoes

Other:           Competitor's to provide Headphones to plug into computer to complete the online OHS program.

This activity is to provide the competitor's with practice completing On-line Occupational Health and Safety (OHS) programs and conducting research in OHS that maybe needed to support a health and safety observation identified in a workplace inspection or job observation.

Each competitor will be provided with a computer, internet access, printer and OHS research questions.

**Part 1: On-line OHS program**

The competitor will access the online program site from the computer provided. Each competitor will have their own computer and internet access.

Competitors will have 45 minutes to complete the on-line program.

Each competitor will receive a copy of the On-line completion certificate for their portfolio.

**OHS History research**

Competitors will be provided with three (3) questions to research using the internet. Answers to the questions will be recorded on the OHS Research form. Competitor's will have seventy-five (75) minutes to research and record their answers.

The competitor's will be required to submit two documents at the end of this activity to the judges: (a) On-line OHS certificate and (b) OHS history research form.

**Activity 4: Résumé / Job interview**

**Value: 5 %**

Time:       Résumé               - at time of contest registration  
              Job interview       - at conclusion of OHS Research activity

Value:       5 marks

PPE:         closed toed shoes

Each competitor is required to submit a current Résumé at the time of their contest registration.

The job interview questions will be conducted at the conclusion of the competitor's OHS Research activity.