



17TH ONTARIO TECHNOLOGICAL SKILLS COMPETITION

CONTEST NAME **Workplace Safety**

- **SECONDARY LEVEL**

CHAIR: Mary Wilson, (mary_wilson@wsib.on.ca)

Gold Medal winner will advance to the Canadian Skills Competition.

PURPOSE OF THE CONTEST:

To evaluate a student's knowledge of health and safety principles using a mock workplace setting.

SKILLS AND KNOWLEDGE TO BE TESTED:

Evaluation of participants is based on 4 components: Theory exam, presentation, job interview and hazard assessment.

1. Theory exam: written test of health and safety knowledge
2. Hazard Assessment: ability to identify and assess workplace hazards and to recommend corrective action using the examples found in the mock workplace,
3. Presentation: ability to communicate health and safety information from one of the selected topics.
4. Job Interview: mock interview for a health and safety job.

1. THEORY EXAM (20 MINUTES – 20% of total mark)

Participants will complete a written exam on general knowledge of health and safety principles. The questions will be developed from the health and safety information found in www.HS101.ca and the Young Worker Awareness Program (YWAP).

2. HAZARD IDENTIFICATION AND RISK ASSESSMENT (45 MINUTES – 50% of total mark)

Each participant will inspect a mock workplace to identify hazards (format similar to conducting a workplace inspection). The hazards may include work process, housekeeping, WHMIS, ergonomics, safety equipment, tools, machinery and electrical hazards. After identifying the hazard the participant will then rank each hazard according to the potential severity of injury, probability that an injury would occur, and recommend corrective action.

Information about hazard identification and risk assessment is provided in the pre - competition resources, given to each registered participant prior to the competition. A sample of the hazard from is included in the materials.

3. HEALTH AND SAFETY PRESENTATION (5 minute talk and 5 minute prep time – 25 % of total mark)

- Each participant will prepare and present a 5-minute talk (oral presentation) that clearly identifies the topic, the safety issue and a recommended solution. The topic chosen must be one of the following: (**choose one** for the presentation):
 - Personal protective equipment (PPE)

- Safe work practice (pick a job and describe how to do it safely)
- Falls (from height, same level or to a lower level)
- Why health and safety is important

The participant will be evaluated on:

- Content
 - Presentation Style
 - Presentation timelines (did it last 5 minutes)
- **Participants will need to bring any props or materials required for their safety talk.**
- **Presentations may not be repeated year to year.**
- One copy of the presentation must be submitted to the Technical Chair at the orientation session of the competition.

5. Job interview (10 minutes – 5% of the total mark)

Skills Ontario requires that each competitor completed a verbal job interview related to their field of competition. The interview is worth 5% of the total mark. Your interview will take place after your health and safety presentation.

EQUIPMENT AND MATERIALS:

Supplied by Committee:

- Flip chart with markers
- Clipboard and pen for theory exam and hazard assessment.
- Laptop with Proxima (projector)
- Tools to assist in hazard assessment

Supplied by Competitor:

- CSA approved safety glasses and safety shoes (green patch)
- Presentation on disk or CD for use during their presentation, if using this format
- Props or visual aids or handouts for use during their presentation
- Competition resource material provided to them
- Pen or pencil

Any audio-visual requirements for a presentation should be pre-arranged with the Workplace Safety Chair, no later than one-week prior to the competition. (See Technical Committee)

SAFETY REQUIREMENTS:

Safety requirements will be maintained at the minimum industry standards at all times. A participant will not be allowed to compete in the Hazard Assessment part of the competition without CSA Approved safety glasses and safety footwear (green patch).

Optional sections

COMPETITION TIME TABLE

Competition date: Tuesday, May 2, 2006
 Maximum number of competitors 10
 Competition schedule

7:15 to 7:30 am	Registration
7:45 am	Orientation

Schedule for participants – by time – each participant will receive a number upon registration

Competitor Number	Theory (20 mins)	Presentation & Interview (20 mins)	Worksite Assessment (45mins)
1	8:15-8:45	11:30-12:00	9:00-9:45
2	8:15-8:45	12:30-1:00	9:30-10:15
3	8:15-8:45	1:00-1:30	10:00-10:45
4	8:15-8:45	1:30-2:00	10:30-11:15
5	8:15-8:45	2:00-2:30	11:00-11:45
6	8:15-8:45	2:30-3:00	11:30-12:15
7	8:15-8:45	9:00-9:30	12:00-12:45
8	8:15-8:45	9:30-10:00	12:30-1:15
9	8:15-8:45	10:00-10:30	1:00-1:45
10	8:15-8:45	10:30-11:00	1:30-2:15

All competitors are required to return to the competition site at 3:30 p.m.

JUDGING CRITERIA:

Total Possible score is 100%.

Theory Exam	20%
Hazard Identification and Risk Assessment	50%
Health & Safety Presentation	25%
Job Interview	5%
Total	100 %

In the event of a tie for only the first 3 places (Gold, Silver and Bronze) the tiebreaker process will be as follows:

- 1st tiebreaker – highest ranking will be to the participant, who achieved the highest score on the Hazard Identification/Assessment section, if in the event that there is still a tie,
- 2nd tie-breaker -the next ranking used will be the highest mark achieved on the Theory exam, if a tie still exists then,
- 3rd tie-breaker - the participants average score from presentation judging criteria #6 will be used, if a tie still exists,
- Final tiebreaker - as a final determination, in the event of a continued tie it will be the decision of the Technical chair to award 1st to 3rd places.

ADDITIONAL INFORMATION:

Each participant will have an opportunity to ask questions for clarification during the Workplace hazard assessment.

A participant competition is complete after they have finished the 3 parts of the competition (Theory, Presentation and Hazard Assessment).

The completed Hazard Assessment **must be handed** in at the end of the participant’s 45-minute time allotment. Time management is important in this section of the competition. The example Workplace area needs to be inspected, hazards identified, rated for severity and written on the hazard assessment form within the timeframe.

Technical assistance in preparation for the competition is available from the Technical Chair.

Technical Committee

Chair Mary Wilson

mary_wilson@wsib.on.ca
(416) 344-2469

Committee members

Korey Ingrao
Gloria Whitfield
Terry Murphy
Ian Neville
Juan Cox
Patricia Pillitteri