



2017
20th ANNUAL SKILLS MANITOBA COMPETITION
CONTEST DESCRIPTION

CONTEST NAME: Workplace Safety

CONTEST NO: 92

LEVEL: Secondary - Maximum 10 Competitors

CONTEST LOCATION: Red River College, Notre Dame Campus
Room - TBA

CONTEST START TIME AND DURATION:
1 hour, 15 minutes per competitor.

Note: a schedule will be provided to each competitor with the time of their participation in each activity at the competition orientation.

PURPOSE OF CHALLENGE:

- To test the participants' ability to recognize, assess and control hazards in the workplace.
- To test the participants' ability to communicate occupational health and safety information to others.

SKILLS AND KNOWLEDGE TO BE TESTED:

Participants will be evaluated on their:

- Knowledge of occupational health and safety principles.
- Ability to identify and assess workplace hazards and to recommend corrective action.
- Ability to communicate occupational health and safety information to others.

1. THEORY EXAM (20 minutes)

Participants will complete a written exam on general knowledge of occupational health and safety principles, rights and responsibilities. Questions may include fill-in the blank, multiple-choice and true and false.

2. HAZARD IDENTIFICATION AND RISK ASSESSMENT (45 minutes)

Each participant will inspect a mock workplace to identify health and safety hazards. The hazards may include general housekeeping, moving parts, chemical (WHMIS), biological, physical, risks of musculoskeletal injury, and psychosocial hazards, among others.

After listing each identified hazard on an inspection report form, the participant will describe what may occur if the hazard is left uncorrected. Finally, the participant will recommend corrective actions that will effectively control each hazard.

3. HEALTH AND SAFETY TALKS (10 minute maximum)

Using the Safe Work bulletins and templates recommended below, each participant will develop a Job Hazard Analysis (JHA) and Safe Work Procedure (SWP) for a task. (Topic options are listed below.) The participant must provide the judges with the completed, typed JHA and SWP.

The participant will then present a 5-10 minute talk on the Safe Work Procedure (SWP). During the presentation, the judges will take the role of a "new worker" and the presenter should assume the role of "supervisor" who is providing a safety orientation.

The SWP template is attached to this Competition Description.

For more information about how to complete a JHA and SWP, please refer to safemanitoba.com, Safe Work bulletin #249, Part 1 and Part 2.

The written procedure and associated oral presentation must be on **one** of the topics noted below :

- Using a portable 1.8 m. step ladder.
- Proper lifting/handling of a 12 kg. cardboard box.

During the presentation, **no electronic/multi-media component is allowed.**

Posters and/or handouts and/or presentation boards and small props are permitted.

The participant will be evaluated on:

- Written content
- Presentation content
- Length of presentation
- Delivery and style of presentation

POINT BREAKDOWN (1000 Points):

Presentation	400
Hazard Assessment	400
Test	<u>200</u>
Total	1000 points

EQUIPMENT, TOOLS, MATERIALS TO BE PROVIDED BY COMMITTEE:

- Flip chart or white board with markers
- Clipboard and pencils for exam and hazard assessment

EQUIPMENT, TOOLS, MATERIALS TO BE SUPPLIED BY COMPETITOR:

- CSA approved safety glasses or goggles
- CSA approved safety footwear
- Participants will also need to bring any props or materials required for their safety talk

WORKSITE SAFETY RULES / REQUIREMENTS:

A contestant will not be allowed to compete in the Hazard Identification and Risk Assessment part of the competition without CSA approved safety glasses or goggles and CSA approved footwear. If the participant is unable to supply CSA approved safety footwear for themselves, please contact Kerilyn Zielinski at kzielinski@rrc.ca two weeks prior to competition with sizing information.

SPECIAL CONDITIONS / ADDITIONAL INFORMATION:

In the event of a tie, the successful participant will be the one who achieved the highest score on the Hazard Identification and Risk Assessment section. In the event that there is still a tie, the highest mark on the Oral Presentation will be used.

THE IMPORTANCE OF ESSENTIAL SKILLS FOR CAREERS IN THE SKILLED TRADES:

Essential skills are used in nearly every job and at different levels of complexity. They provide the foundation for learning all other skills and enable people to evolve with their jobs and adapt to workplace change. Good essential skills means you understand and remember concepts introduced in technical training. The level of essential skills required for most trades is as high as or higher than it is for many office jobs.

The following nine skills have been identified and validated as key essential skills for the workplace: Numeracy, Oral Communication, Working with Others, Continuous Learning, Reading Text, Writing, Thinking, Document Use, Digital.

Essential Skills required for Workplace Safety: Oral Communication, Working with Others, Continuous Learning, Reading Text, Writing, Thinking, Document Use.

FOR MORE INFORMATION PLEASE CONTACT:

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(This information was taken from the Safe Work Bulletin #249, 3 of 3)