



2023 Regional Skills Canada Competition



2023 North West Regional Skills Canada Competition

Contest Description (Scope Document)

Northwestern Polytechnic (NWP) Fairview Campus

April 21, 2023

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|--|--|---|---|-------------|--|----------------------------|-------------------------|-----------------------------------|--------------------------|--------------|--------------------------|--|
| EVENT: Workplace Safety | | LEVEL: Secondary | | | | | | | | | | |
| DURATION OF CONTEST: 3 – 5 HOURS DEPENDING ON NUMBER OF COMPETITORS | | LOCATION GPRC FAIRVIEW CAMPUS - ATRIUM | | | | | | | | | | |
| COMPETITION SCHEDULE: <table><tr><td>ORIENTATION</td><td>April 21st 8:30am</td></tr><tr><td>QUIZ</td><td>April 21st 9:00am - 9:30am</td></tr><tr><td>SAFETY PRESENTATION</td><td>9:30am - 10:30am</td></tr><tr><td>SCENARIO HAZARD ASSESSMENT</td><td>10:30am - 12:00pm</td></tr><tr><td>LUNCH</td><td>12:00pm - 12:30pm</td></tr></table> <p>ORIENTATION IS MANDATORY: Should a competitor not attend orientation they will unfortunately be disqualified from the competition.</p> | | ORIENTATION | April 21st 8:30am | QUIZ | April 21st 9:00am - 9:30am | SAFETY PRESENTATION | 9:30am - 10:30am | SCENARIO HAZARD ASSESSMENT | 10:30am - 12:00pm | LUNCH | 12:00pm - 12:30pm | REGIONALIZED: NO If YES, To compete at the Provincial Skills Canada Competition students must qualify at their Regional Skills Canada Competition. |
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| QUIZ | April 21st 9:00am - 9:30am | | | | | | | | | | | |
| SAFETY PRESENTATION | 9:30am - 10:30am | | | | | | | | | | | |
| SCENARIO HAZARD ASSESSMENT | 10:30am - 12:00pm | | | | | | | | | | | |
| LUNCH | 12:00pm - 12:30pm | | | | | | | | | | | |
| AWARDS CEREMONY INFORMATION: April 21 @ 6 pm in the NWP Fairview Campus Theatre | | | | | | | | | | | | |

CONTEST INTRODUCTION

To evaluate each competitor's competency to organize and execute a given work assignment accurately and safely in the field of Occupational Health & Safety and as a result recognize outstanding competitors for excellence and professionalism.

SKILLS AND KNOWLEDGE TO BE TESTED

Participants will be tested on their:

1. Knowledge of Health & Safety principles through a multiple choice test.
2. Ability to communicate Health & Safety information to others through a time limited presentation including answers to questions on their presentation.
3. Ability to identify and assess workplace hazards (including identifying hazard types and assessing probability and severity) and recommending corrective actions through a mock workplace inspection.



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PROJECT DESCRIPTION Part 1: WORKPLACE SAFETY EXAM: (30-minute time limit)

Questions will test the competitor's knowledge regarding Workplace Safety and includes topics such as Transportation of Dangerous Goods (TDG), First Aid, (Workplace Hazardous Materials Information System (WHMIS)), Fire Safety, Hazard Identification and Controls, Ergonomics and Back Care, Confined Space, Electricity, Farm Safety and Workers' Compensation issues. The test consists of 50 multiple choice questions.

Part 2: HEALTH & SAFETY Presentation: (3 to 5 minutes – questions and answers 2 to 5 minutes)

Each competitor will prepare a 3-5-minute presentation in which the competitor is featured describing an unsafe working condition or situation. The presentation must be on one of the below topics:

1. Worksite 'Housekeeping'
2. Slips, Trips and Falls
3. Ladder Safety
4. Office Ergonomics
5. Personal Protective Equipment
6. WHMIS and may include the Global Harmonized System (GHS) which is replacing WHMIS
7. Blood Borne Pathogens
8. Incomplete Safe Work Permit

Presentation must contain:

1. An introduction
2. A brief overview of the unsafe condition or situation
3. Identify what the hazards are
4. Summarize what could have been done to prevent it
5. A closing statement
6. If a video presentation is given, it must be playable using Windows Media Player (version 9.1) in a Windows XP environment and brought on a USB memory stick in a WMV format (be sure to have a backup stick or file)

**** Returning competitors MAY NOT use their previous skills' competition's presentation**



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Part 3: HAZARD IDENTIFICATION AND RISK ASSESSMENT: (45-minute time limit)

Each competitor will inspect a mock workplace to identify hazards. The hazards will include areas such as worksite housekeeping, WHMIS, ergonomics, safety equipment, electrical hazards, and construction safety infractions. The competitor will note the hazard and what type it is, then rank each hazard according to the potential severity of the injury as well as the probability of an injury occurring. Lastly, the competitor will recommend corrective actions that can be implemented to control or eliminate each of the identified hazards.

EQUIPMENT & MATERIALS

Equipment and Materials Competitors Must Supply:

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|--|----------------|
| Pen or Pencil | Hard Hat |
| Props or materials required for the presentation | Safety Glasses |
| Fluorescent safety vest | |

Equipment and Materials Supplied by the Committee:

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|---|---------|
| Flip Chart | Markers |
| Laptop Computer | |
| Overhead projector and white board/screen | |

JUDGING CRITERIA

1. *Workplace Safety Written Test* 20%
2. *Hazard Assessment & Risk Assessment Activity* 60%
3. *Presentation* 20%

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|----------------------|-------------|
| Overall Total | 100% |
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RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Descriptions of all modules are located at the following website:

<https://education.alberta.ca/career-and-technology-studies/programs-of-study/>



CLOTHING REQUIREMENT

It is important that competitors present a professional image and appearance. Appropriate work clothing must be worn to compete. All clothing must be neat and clean and free of rips and tears. Casual wear such as shorts will not be permitted. No loose fitting clothes or jewelry.

SAFETY

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

ADDITIONAL INFORMATION

Lunch will be provided for all competitors. Unfortunately, all allergies may not be able to be accommodated for. Please connect with the local Regional Coordinator for more information. Regulations & Policies: A copy of the Skills Canada Alberta Regional Regulations & Policies can be found at the following link: <http://www.skillsalberta.com/policies-and-procedures>

COMMITTEE MEMBERS

| | |
|------------|-------------------------|
| Nate Smith | Tech Committee Chair |
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