

CSA Z1006:23 Management of Work in Confined Spaces

CSA Group is pleased to announce the publication of the CSA Z1006:23 English and now French Edition Management of work in confined spaces Standard. The Standard is available for purchase in PDF format in the CSA Store: [CSA Z1006:23 | Product | CSA Group](#).

Gary T Spencer of Safetyscope was a member of the standard technical committee.

This is the third edition of CSA Z1006, Management of work in confined spaces. It supersedes the previous editions published in 2016 and 2010.

Changes in this edition include

- a) improvement of the flow and readability of the document with the inclusion of additional flowcharts and tables and restructuring of content and clauses;
- b) harmonization of this Standard with CSA Z45001, CAN/CSA-Z1001, and CAN/CSA-Z1002;
- c) elaboration on the information regarding workspace design and modification; and
- d) elaboration on the information regarding monitoring confined space remotely through the use of technology.

This Standard is designed for voluntary application in Canadian workplaces. However, the principles established in this Standard are based on best practices recognized internationally. As such, they can be applied to any workplace. This Standard specifies requirements for

- a) establishing and maintaining a confined space management program in accordance with OHSMS principles;
- b) the roles and responsibilities of management, the entry team, and the emergency response team;
- c) identification and designation of confined spaces;
- d) design and engineering of confined spaces;
- e) hazard identification and risk assessment relating to work in confined spaces;
- f) management and control of hazards and risks associated with work in confined spaces;
- g) personal protective equipment (PPE) and other equipment used for work in confined spaces;
- h) general safety procedures for confined spaces;
- i) remote monitoring;
- j) training for work in confined spaces;
- k) determining worker capability of performing assigned duties within confined spaces;
- l) emergency plans for rescuing workers in confined spaces;
- m) management of external service providers; and
- n) documentation.

Exclusions

This Standard does not address safety management of

- a) enclosures or structures designed and constructed for continuous human occupancy; or
- b) underwater enclosures.

Note: For underwater enclosures, see the requirements for penetration diving specified in CSA Z275.2.



Court Bulletins

Review the bulletin below and click on the link to know more if this hazard could occur in your workplace.



[Feb 27 Forklift Critical Injury—Coldstream Concrete Fined \\$75,000](#)

While approaching a ramp that led to the main building, the forklift collided with a front-end loader travelling down the ramp. The employer failed to have a traffic management plan contrary to S 25(2)(h) of the OHSA

[Feb 6 - Forklift Injury - Lack of Blocking - Amco Farms Inc. Fined \\$70,000](#)

One worker elevated the platform of the lift and positioned the forks of a forklift just below the platform to allow the other worker to go underneath the platform to access the hydraulic cylinders. As that worker was removing the second cylinder, the rollers supporting one end of the lift's platform released from their guide rail, causing the platform and the lifting mechanism to collapse down, injuring the worker. The employer failed to ensure that the lift's platform and lifting mechanism were securely and solidly blocked to prevent them from moving or falling as per S 74 of Reg 851, contrary to S 25(1)(c) of the OHSA.

Will There be a New Heat Regulation in 2024?

In September 2023 the Ontario government issued two consultation papers, seeking comments and feedback from workers and employers regarding whether the Occupational Health and Safety Act (the Act) should be amended to address heat stress and poor air quality in the workplace.

With respect to heat stress, the government proposed the introduction of a new, standalone regulation under the Act. According to the government's proposal published online, the regulation would:

- Introduce heat stress exposure limits based on the American Conference of Governmental Industrial Hygienists' method of assessing heat stress risk;
- Provide for the use of other methods to assess a worker's risk of exposure to heat stress;
- Require employers to identify and implement measures and procedures to control heat exposures based on the "hierarchy of controls"; and
- Require employers to provide worker information and instruction on recognizing the signs and symptoms of heat-related illnesses and the measures to protect themselves.



While the government did not propose the introduction of an air quality regulation, it collected feedback in order to determine if changes to the Act or its regulations should be made in order to address air quality. Any employer who has staff working outdoors may be affected and should be watching for announcements in the future.

CSA: Seeking Feedback for the Selection, Use and Care of Respirators

The Canadian Standards Association (CSA) is looking for public input on their draft standard for the section, use and care of respirators (CSA Z94.4:2024). The public review closes March 18, 2024.

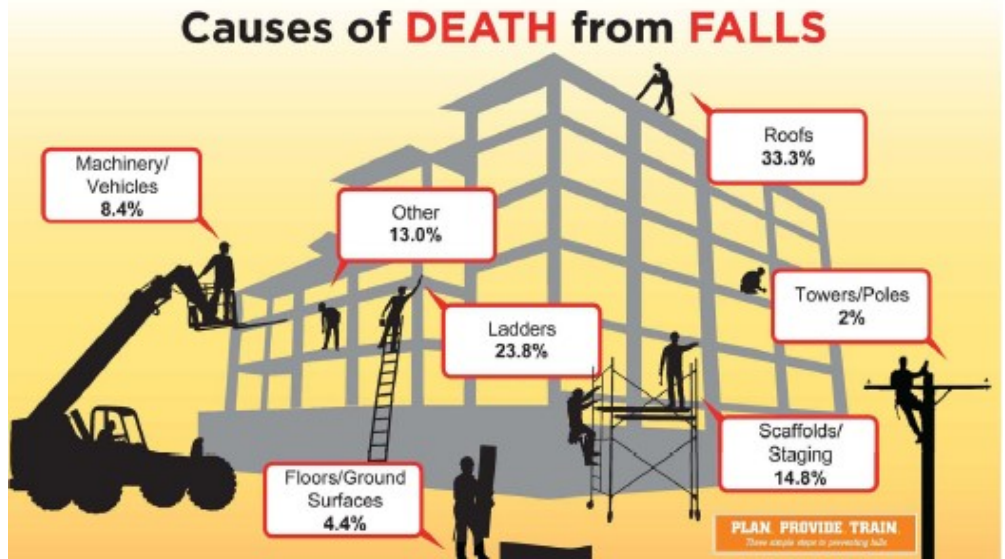
Those who wish to review and comment on the draft will need to register on the CSA's website, where they can submit feedback.

[Review the draft standard](#)

Is Mandatory W@H Training Effective?

In Nov 2020 the results of a study titled “Evaluating the implementation and effectiveness of Ontario’s working-at-heights training standard” was published in the Journal of Safe-Research by the Institute for Work and Health (IWH).

The evidence the IWH found concluded that the 2015 Standard, Ontario’s mandatory training program for construction workers who work at heights, has led to a modest yet significant reduction in the rate of lost-time claims due to falls from heights - especially in small construction businesses and construction sectors with the most frequent fall injuries. It found a 20 per cent decline in falls targeted by the training. The study also found that the mandatory training had high uptake across the province and led to changes in safety practices among employers and workers.



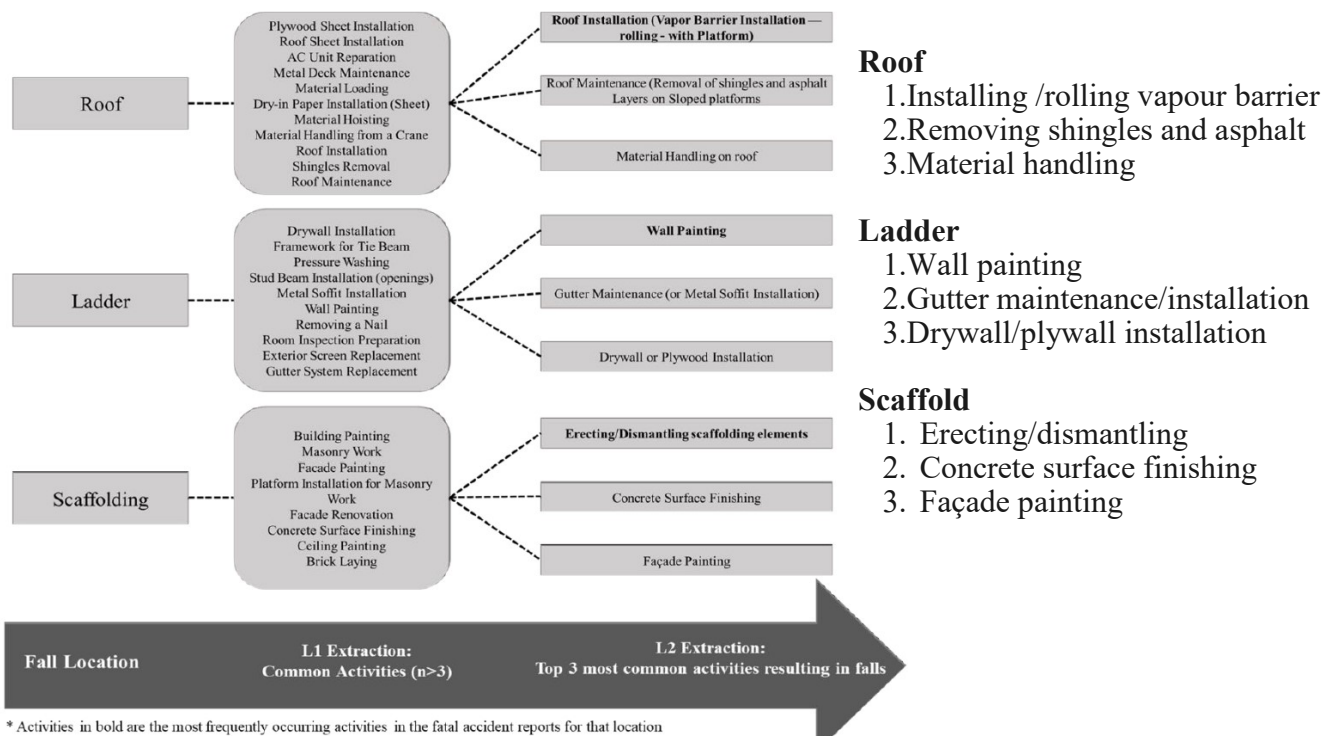
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This study, funded by the Ministry of Labour, Immigration, Training and Skills Development resulted in the changes to the W@H Standard which will come into force in June 2024. The slide below, from the IWH presentation, supports the changes with regards to emphasis on falls from ladders, scaffolds and roofs.

The IWH and Linda Robson referenced data from the American Center for Construction Research Training (CPWR) during a Dec 2022 presentation.

The data we accessed from the CPWR, [Focusing on Workers at Height Report](#) gave some great information as to the three most common activities that result in fatal falls from ladders, scaffolds and roofs.



* Activities in bold are the most frequently occurring activities in the fatal accident reports for that location

Proposed Changes to TDG Regulations

Ministry of Transport announces proposed changes to the Transportation of Dangerous Goods regulations

The Ministry of Transportation has launched a 75-day consultation process on proposed changes to the Transportation of Dangerous Goods regulations. Until February 22, those interested can review the changes and comment on the proposals by clicking the Canada Gazette link below.

The proposed amendments to the Transportation of Dangerous Goods Regulations, are aimed at:

- enhancing buffer car requirements;
- strengthening emergency response assistance plan requirements for the transport of agricultural anhydrous ammonia on public roads;
- aligning our regulations with other federal rules on transporting dangerous goods;
- introducing new rules to match international codes; and
- referencing and incorporating two new standards.

[Canada Gazette, Part. I: Regulations Amending the Transportation of Dangerous Goods Regulations](#)

Silica Control Tool™

Occupational Health Clinics for Ontario Workers has indicated that workers and employers in the Ontario Construction Industry can receive full access to the Silica Control Tool™, its associated data, and outputs.

If you work with sand, rock, gravel, concrete, brick, stone, mortar, granite, glass or ceramics, you are one of 429,000 workers in Canada being exposed to crystalline silica.

120,000 constructors in Ontario have automatic access to the Silica Control Tool using the button below attached to their workplace WSIB account number.

Constructor/Workplace (with WSIB Account)

Workers/Worker Reps without access to a workplace WSIB account, can use the button below to submit a form that we then use to match to your WSIB account number, or create a separate licence. Please note that this request may take up to 10 business days to process.

Constructor/Worker or Worker Rep (without WSIB Account)

The Silica Control Tool can reduce risk, protect workers, and improve efficiency for construction companies who work with silica by developing and providing an Exposure Control Plan. The Tool's user interface has undergone a facelift for Ontario and has been fully customized to meet Ontario's health and safety regulation and standards.

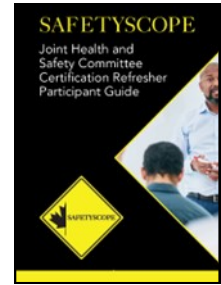
For all other inquiries, please e-mail: onsilicacontroltool@ohcow.on.ca



Joint Health and Safety Training (In Class and Distance Learning)

Safetyscope can help with:

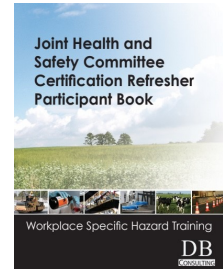
- In Class sessions for Safetyscope JHSC Refresher Training
- In Class sessions for DBC Inc. JHSC Part 1 and JHSC Part 2
- Distance Learning (Virtual) Refresher training utilizing DBC Inc. approved training



Safetyscope is an approved provider

We have continued to expand our scope and now Safetyscope is an approved provider for the following:

- Toronto Water for Working at Heights
- Safetyscope is a TSSA Approved Training Provider
- Safetyscope is an approved provider for Corrections Canada
- Safetyscope is an approved provider for JHSC Refresher Training



Online Training with InFuse

Safetyscope has partnered with InFuse Compliance Systems to offer a full turn-key Health & Safety solution that includes a robust suite of Online Training. For more information [Click Here](#)



Safetyscope's and NATT Safety Services Public Training Locations

[2501 Rutherford Road Unit 22](#) Vaughan, ON 416.231.3752

[98 Fielding Road Lively, ON](#) Toll Free 1.866.244.3334

[1725 St-Laurent Blvd. Unit 220 Ottawa, ON](#) 1.888.294.1943

[117 White Oak Drive East, Sault Ste. Marie, ON](#) 249.889.6160



Safetyscope Continuing to Maintaining Registration as an OWWCO Training Provider

These courses meet the criteria in subsection 29(4) of O.Reg. 128, Certification of Drinking Water System Operators and Water Quality Analysts. On Completion of training all participants will receive a certificate of completion with corresponding CEU Value.

1. Working at Heights	.7 CEU
2. WHMIS 2015	.4 CEU
3. TDG	.4 CEU
4. Working in Confined Spaces Rescue Level	2.8 CEU
5. Confined Spaces Attendant Non Entry	1.3 CEU
6. Confined Spaces Advanced Entrant	.7 CEU
7. Confined Spaces Attendant Refresher	.7 CEU
8. Confined Spaces Rescue Refresher	.7 CEU
9. Standard First Aid	1.4 CEU
10. Self Contained Breathing Apparatus	.4 CEU
11. Spill Response	.7 CEU
12. Trenching Hazards	.4 CEU



SAFETYSCOPE



2024 SCHEDULE

1 Day Entrant & 2 Day Attendant Course

Time: 8:00 am – 4:00 pm

January	22 - 23
February	12 - 13
March	18 - 19
April	15 - 16
May	13 - 14
June	17 - 18
July	15 - 16
August	12 - 13
September	16 - 17
October	14 - 15
November	11 - 12
December	16 - 17



Competent Supervisor 1 Day Course

Time: 8:00 am – 4:00 pm

February 28
April 25
June 27
August 29
October 24



Day 1 - Emergency Level/Recertification Day 2 - Standard First Aid Level C

Time: 8:00 am – 4:00 pm

February	5 - 6
May	6 - 7
August	5 - 6
November	4 - 5



Working At Heights 1 Day Course

Time: 8:00 am – 4:00 pm

January	12 & 26
February	9 & 23
March	8 & 22
April	12 & 26
May	10 & 24
June	7 & 21
July	5 & 19
August	2, 16 & 30
September	13 & 27
October	11 & 25
November	8 & 22
December	6 & 20



Working At Heights Refresher 1/2 Day Course

Time: 8:00 am – 12:00 pm

January	5 & 19
February	2 & 16
March	1 & 15
April	5 & 19
May	3, 17, & 31
June	14 & 28
July	12 & 26
August	9 & 23
September	6 & 20
October	4 & 18
November	1, 15 & 29
December	13 & 27



JHSC Part 1 Certification

Dwight Barratt Inc. - 3 Day Course

Time: 8:00 am – 4:00 pm

March	25 - 27
August	19 - 21
November	25 - 27



Part 2 and Refresher also available

Confined Space Rescue

4 Day Course

Time: 8:00 am – 4:00 pm

May 27 - 30
December 9 - 12



Course held at the SafetyScope Training Centre

2501 Rutherford Road Unit 22 Vaughan, Ontario L4K 2N6

Phone: 416.231.3752 E-mail: info@safetyscope.net