

Energy Hazards / Lockout Training

This month, in Court Bulletins, we have documented 2 critical injuries and 1 fatality convictions this month which resulted in fines to the organization of \$50,000, \$75,000 and \$225,000. This could have been prevented with training and enforcement of the OHSA and Regulation 851 S75 & S76.

75. A part of a machine, transmission machinery, device or thing shall be cleaned, oiled, adjusted, repaired or have maintenance work performed on it only when,
- (a) motion that may endanger a worker has stopped; and
 - (b) any part that has been stopped and that may subsequently move and endanger a worker has been blocked to prevent its movement.
76. Where the starting of a machine, transmission machinery, device or thing may endanger the safety of a worker,
- (a) control switches or other control mechanisms shall be locked out; and
 - (b) other effective precautions necessary to prevent any starting shall be taken.

The injuries and fatality occurred when troubleshooting and maintenance was being done.

The ability to lock out the machines were in place but it still failed in these cases to prevent an accident and could happen in your organizations.

Can you afford both the human and financial costs?

The OHSA is clear on the duties of the employer, supervisors and workers.

The employer must:

- Identify all energy hazards and document in H&S program and review annually
- Put controls in place and document in H&S program (Machine Specific lockouts safe operating procedures (SOP))
- Train all workers and supervisors in energy hazards in the organization
- Train specific lockout procedures before workers and supervisors work with or do maintenance on the equipment
- Ensure lockout procedures are carried out in the workplace.

Supervisors must:

- Insure workers are trained on energy hazards and specific lockout procedures where required.
- Inforce these lockout procedures

Workers must :

- Follow your companies lockout procedures
- Report to supervisors or employers if they are not being followed



What should the employer (and the JHSC) do?

- Review Energy Hazard Procedures and ensure it contains awareness training and refresher training.
- Review training. Is it adequate?
- Review Training Records and verify all workers have received Energy Hazard awareness training and refresher training.
- Review Lockout SOP and ensure you have one for each type of machine and it is posted.
- Review Training Records and verify all workers and supervisors have received training on Lockout for machines they operate, maintain or supervise
- Communicate to workers and supervisors the expectation of the organization. Do you have workpractice hazards that you need to address?
- Ensure supervisors are enforcing your companies H&S procedures.
- Do it again next year.

Court Bulletins

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



[Oct 12 - Lockout Injury - Saputo Dairy Products Canada Fined \\$70,000](#)

Workers observed cheese products were picking up debris and acquiring black marks in the location where the products exited the cheese cutter machine. To remedy the issue, they shut off, disconnected and wiped down the machine.

A supervisor, a production worker and members of the maintenance staff came over to troubleshoot the issue. As part of the troubleshooting process, the supervisor removed the metal guard for the pusher arm but left the interlock safety switch for the guard engaged, allowing power to remain in the equipment so that the machine could be cycled as part of troubleshooting.

A worker, who was not part of the group conducting the troubleshooting and unaware that the pusher arm remained powered, walked over to the group and pointed to the area of concern, putting their index finger in a small gap. This triggered the sensor and engaged the pusher arm, which struck the worker's hand, resulting in an injury.

The company failed, as an employer, to ensure that precautions were taken to prevent the pusher arm of a cheese cutter machine from starting during troubleshooting contrary to S 76 of Reg 851 and S 25(1)(c) of the OHSA.

[Oct 5 - Forklift Fatality - B2671475 Ontario Inc. Fined \\$75,000](#)

A worker was fatally injured when the operator of the forklift with a telescoping boom, lost sight of a worker asked to assist.

Although there were no witnesses to the incident, the evidence appears to show the worker slipped on snow and mud, falling under the wheel of the moving vehicle.

It was determined the forklift's right-side mirror had limited visibility due to its positioning and blockage by the machine's boom and hoses. As the operator did not have a clear view of the path of the machine's travel, it was required that a signaler assist.

By failing to provide a signaler, as outlined in section 104(3) of Ontario Regulation 213/91, 2671475 Ontario Inc. violated section 23(1)(a)

[Sept 29 - Lack of Training Critical Injury - Rapid Precision Machining & Gearing Ltd., Fined \\$50,000](#)

A worker was injured while operating a metal lathe

The inspection showed the company has a H&S policy, but none of the workers had been trained. The policy refers to a health and safety coordinator, but that position was unfilled at the time. Individuals identified as supervisors had not completed the OH&S Supervisor Awareness Course.

The policy specified that only workers with appropriate trade qualifications were to use the lathe. The injured worker, however, was not so qualified, and neither were two of the three workers who regularly used the lathe.

Training on the lathe, including hazards associated with it, was only verbally communicated and undocumented. The manual for the lathe was in Czech, a language no one at the workplace spoke. There was also no SOP for the use of the metal lathe, or the task involved at the time of the incident. Workers were unaware of alternate, safer means of polishing.

Rapid Gear failed as an employer to provide information, instruction and supervision to a worker at a workplace contrary to S 25(2)(a) of the OHSA, an offence pursuant to S 66(1) of the Act.

Bill 79 Corporation Fine to Increase to \$2,000,000

Glancing through Bill 79, Working for Workers Act, 2023, we noticed that on September 26, 2023 the bill pass third reading.

Next step is Royal Assent and it will become law.

Schedule 5, in this amendment states :



The Occupational Health and Safety Act is amended to increase the maximum fine for a corporation for a conviction under the Act from \$1,500,000 to \$2,000,000.

Court Bulletins cont...

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



[Aug 27 - Working at Heights Critical Injury - Elmira Pet Products Ltd., Fined \\$90,000](#)

A worker was critically injured from a fall, while cleaning a pet food manufacturing plant. The worker had to crawl through the floor space over pipes and cableways to arrive at the assigned cleaning location, which was near one of the other hatches. This hatch had no guardrail around it, nor protective covering on top of it. It was normally accessed from below using a sky jack.

While the worker was cleaning the area, they stepped backwards, and their foot landed on the hatch. Their weight caused the hatch to shift like a revolving door. As a result, the worker fell approximately 18 feet, sustaining critical injuries.

The employer failed to ensure the hatch had a guardrail system or protective coverings as outlined in S 13(1) of Regulation 851, and violated S 25(1)(c) of the OHSA.

[Sept 26 - Lockout Fatality - Coreslab Structures \(Ont.\) Inc., Fined \\$225,000](#)

A worker was found fatally injured inside a steel concrete mixing tank that was being cleaned.

To ensure the mixer is safe to clean, Coreslab Structures (Ont.) Inc. developed a step-by-step safe cleaning procedure and provided it to workers appointed to clean the equipment. The safe cleaning procedure in place prior to the incident included 4 steps. These steps were not carried out.

Coreslab Structures (Ont.) Inc. failed, as an employer, to ensure that where starting a Planetary Concrete Mixer may endanger the safety of a worker, the control switches were locked out, as prescribed in Ontario Regulation 851, and contrary to the OHSA

[Sept 26 - Lockout Injury - NTN Bearing Corporation of Canada Limited Fined \\$50,000](#)

A worker was injured while doing maintenance work on an AVG (Vacuumed Drying and Grease) machine on a manufacturing line. NTN Bearing Corporation of Canada Limited failed, as an employer, to ensure the machine was locked out during maintenance

The machine had a safety interlock device to prevent cycling when the door was open without a bypass key. All technicians, engineers, supervisors and certain machine operators were provided with bypass keys for safety interlock devices. The investigation found there was no policy, procedure, risk assessment or worker training for the use of these keys.

The employer failed to follow S75 of Regulation 851, contrary to S 25(1)(c) of the OHSA

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

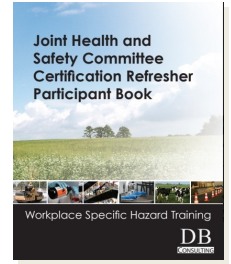
Safetyscope can help with:

- In Class sessions for DBC Inc. JHSC Part 1, Part 2 and Refresher Training
- 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



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 Public Training Sessions

With our COVID-19 procedures in place, Safetyscope is now holding regular public training sessions in Working at Heights, Working at Heights Refresher and Confined Space Awareness.

Safetyscope staff are 100 percent vaccinated.

If your organization requires any additional courses, please contact us with your training needs at training@safetyscope.net.

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



2023 SCHEDULE

1 Day Entrant & 2 Day Attendant Course

Time: 8:00 am – 4:00 pm

| | |
|-----------|---------|
| January | 16 - 17 |
| February | 13 - 14 |
| March | 20 - 21 |
| April | 17 - 18 |
| May | 15 - 16 |
| June | 19 - 20 |
| July | 17 - 18 |
| August | 14 - 15 |
| September | 11 - 12 |
| October | 16 - 17 |
| November | 13 - 14 |
| December | 11 - 12 |



Competent Supervisor 1 Day Course

Time: 8:00 am – 4:00 pm

| |
|-------------|
| February 28 |
| April 27 |
| June 29 |
| August 31 |
| October 26 |



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

Time: 8:00 am – 4:00 pm

| | |
|----------|-------|
| February | 6 - 7 |
| May | 8 - 9 |
| August | 8 - 9 |
| November | 6 - 7 |



Working At Heights 1 Day Course

Time: 8:00 am – 4:00 pm

| | |
|-----------|------------|
| January | 13 & 27 |
| February | 10 & 24 |
| March | 10 & 24 |
| April | 14 & 28 |
| May | 12 & 26 |
| June | 9 & 23 |
| July | 7 & 21 |
| August | 4 & 18 |
| September | 1, 15 & 29 |
| October | 13 & 27 |
| November | 10 & 24 |
| December | 8 |



Working At Heights Refresher 1/2 Day Course

Time: 8:00 am – 4:00 pm

| | |
|-----------|------------|
| January | 6 & 20 |
| February | 3 & 17 |
| March | 3 & 31 |
| April | 21 |
| May | 5 & 19 |
| June | 2, 16 & 30 |
| July | 14 & 28 |
| August | 11 & 25 |
| September | 8 & 22 |
| October | 6 & 20 |
| November | 3 & 17 |
| December | 1 & 15 |



JHSC Part 1 Certification Dwight Barratt Inc. - 3 Day Course

Time: 8:00 am – 4:00 pm

| | |
|----------|---------|
| March | 27 - 29 |
| August | 28 - 30 |
| November | 27 - 29 |



Part 2 and Refresher also available

Confined Space Rescue 4 Day Course

Time: 8:00 am – 4:00 pm

| |
|------------------|
| May 29 - June 1 |
| December 18 - 21 |



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

2022 Calendar Year