



Mining webinar: Be prepared for Provincial Inspection Blitz – Emergency Preparedness Self-Audit

December 16, 2019

1 888 730 7821 (Toll free Ontario)
workplacesafetynorth.ca



Welcome to the webinar: Be prepared for provincial inspection blitz – Emergency Preparedness Self-Audit

- Brief pre-and post-survey 15 minutes before and after the webinar – thanks in advance for your input!
- The webinar will begin at **10:30 am Eastern Time**
- For audio, please use headphones or ear buds.
- Please note the '**CHAT BOX**' to the right of the screen and feel free to type in your questions at any time during the presentation.
- Questions may be answered during the presentation, but most will be addressed at the end of the presentation.
- Presentation will be emailed to registrants within one business day of the webinar.
- For assistance with the webinar, please call: **1-888-730-7821 ext. 0**

Webinar co-host

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Agenda

1. Introduction
2. Emergency Preparedness Self-Audit
3. WSN information and resources
4. What Ministry of Labour, Training and Skills Development (MLTSD) inspectors will be looking for during the blitz
5. Ontario requirements pertaining to emergency preparedness in mines and mining plants (Occupational Health and Safety Act, Regulation 854)
6. Q & A

Emergency Preparedness Self-Audit

Purpose:

- Assist mines and mining plants in reviewing common emergency preparedness topics in advance of MLTSD blitz

Format:

- 21 categories containing simple yes/no questions
- Occasional request to list the person-in-charge

Emergency Preparedness Self-Audit

Content:

- Underground specific (e.g. refuge stations)
- Surface specific (e.g. mining plant evacuation)
- Hybrid/generic (e.g. first aid)

Focus on common concerns

- Not intended to address Fort McMurray size wildland fires or 100-year flood events

Emergency Preparedness Self-Audit

- Section 1: Emergency Response Plan



Emergency Preparedness Self-Audit

- Section 2: Control Group & Responsibilities



Emergency Preparedness Self-Audit

- Section 3: Notification



Emergency Preparedness Self-Audit

- Section 4: Emergency Warning System



Emergency Preparedness Self-Audit

- Section 5: Accounting For Site Personnel



Emergency Preparedness Self-Audit

- Section 6: Emergency Warning Drills



Emergency Preparedness Self-Audit

- Section 7: Emergency Response Personnel



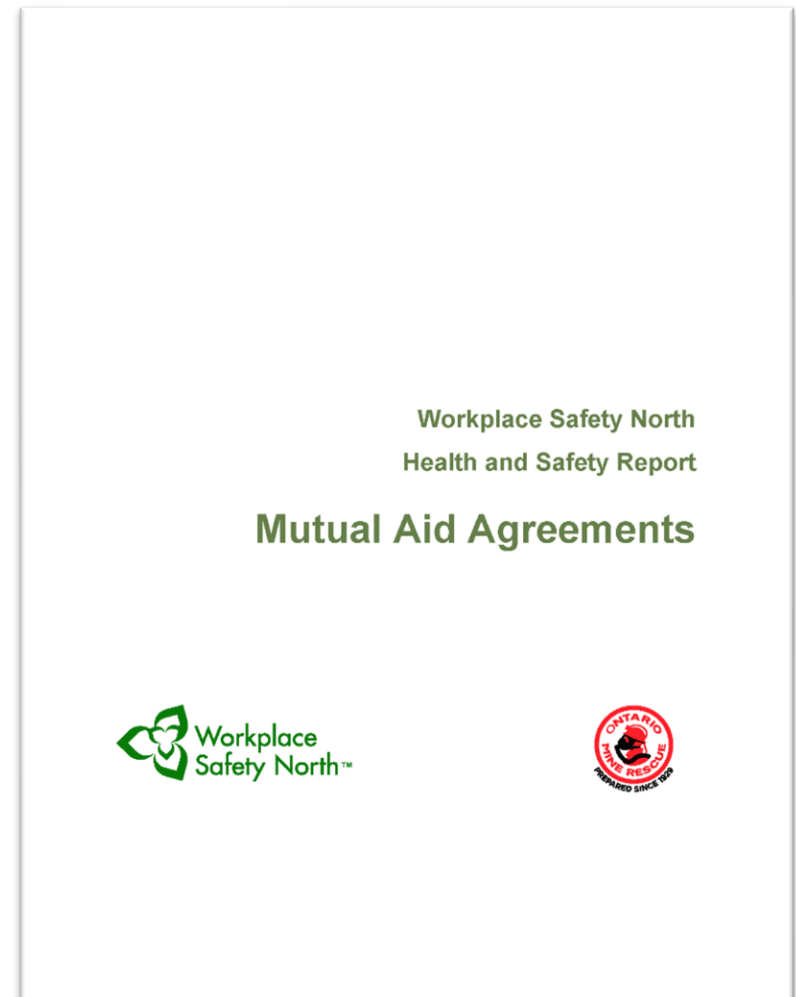
Emergency Preparedness Self-Audit

- Section 8: Point-in-Time Evaluation



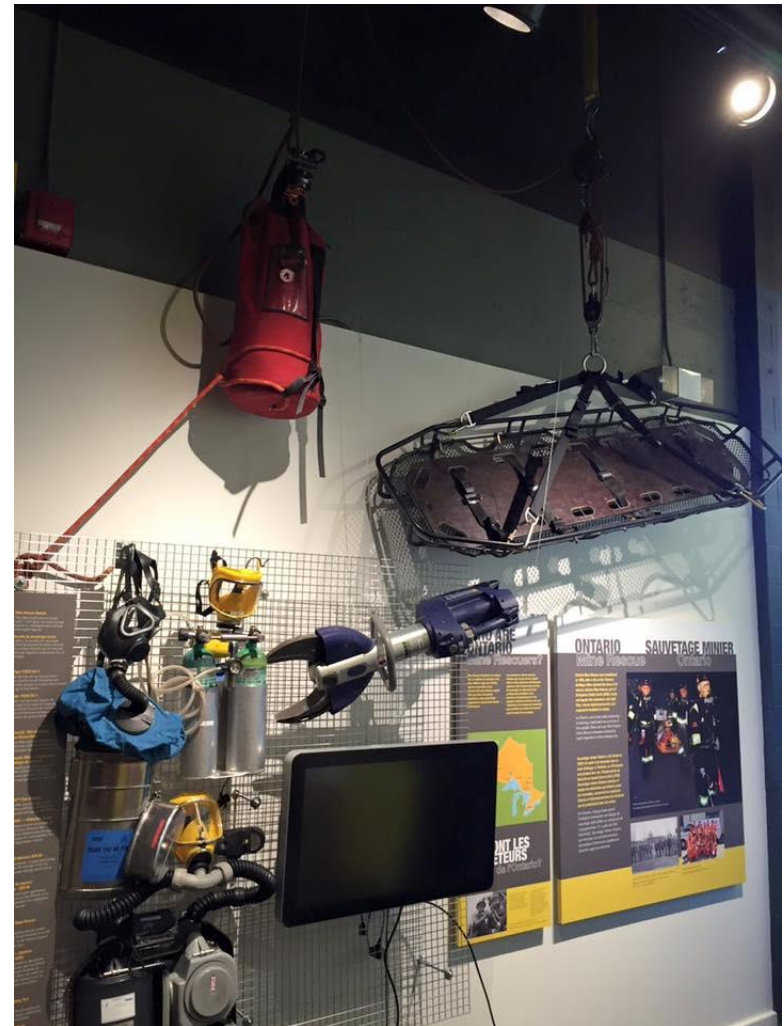
Emergency Preparedness Self-Audit

- Section 9: Mutual Aid



Emergency Preparedness Self-Audit

- Section 10: Facilities



Emergency Preparedness Self-Audit

- Section 11: First Aid



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- Section 12: Underground Emergencies



Emergency Preparedness Self-Audit

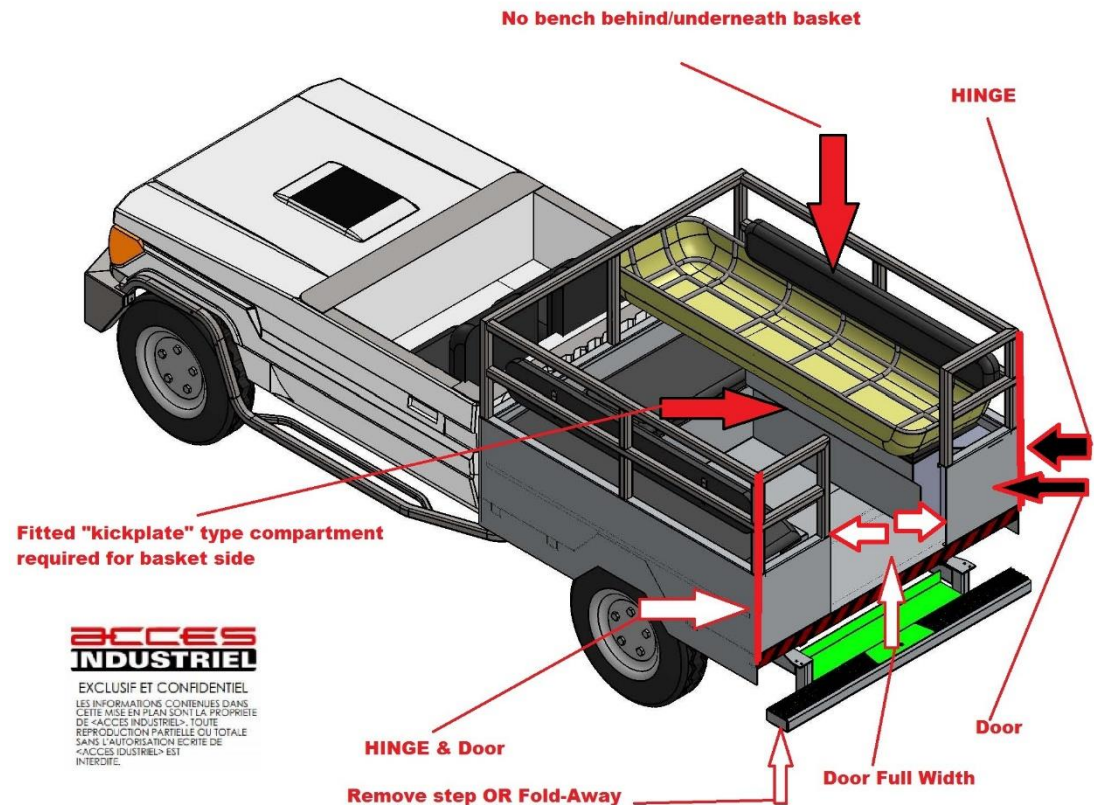
- Section 13: Refuge Stations

Workplace Safety North
Health and Safety Report
Mine Rescue Refuge Station Report
December 2016



Emergency Preparedness Self-Audit

- Section 14: Transportation



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- Section 15: Infrastructure



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- Section 16: Debriefing



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- Section 17: Mine Rescue Training



Emergency Preparedness Self-Audit

- Section 18: Surface Facilities Evacuation



Emergency Preparedness Self-Audit

- Section 19: Surface Fire Response



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- Section 20: Hazardous Materials Spills Response



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- Section 21: Confined Space Rescue



Emergency Preparedness Self-Audit

Important themes:

- Up-to-date information
- Evidence, records and rationale
- Awareness, responsibility and oversight

Emergency Preparedness Self-Audit

Important resource:

- Ontario Mine Rescue Officers & Staff available as resource to review Self-Audits and prepare for MOL site visits

Emergency Preparedness Self-Audit

Document retention:

- Recommended mine operators retain the completed self-audit document on file for a minimum of **1-year** following the inspector review date

Information and resources

Ontario Mine Rescue Contact List:

<https://www.workplacesafetynorth.ca/subsite/mine-rescue/contact-us>

Information and resources

Ontario Mine Rescue Emergency Preparedness Self-Audit:

<https://www.workplacesafetynorth.ca/minerescue>

Free Download

Ontario Mine Rescue Policy and Procedures Manual:

<https://www.workplacesafetynorth.ca/sites/default/files/OMR%20Handbook%202015%20reprint.pdf>

Free Download

Information and resources

Ontario Mine Rescue Emergency Simulation Guideline:

https://www.workplacesafetynorth.ca/sites/default/files/pdfs/MR%20Emergency%20Simulation%20Guideline_0.pdf

Free Download

Ontario Mine Rescue Guideline for Mutual Aid Agreements:

https://www.workplacesafetynorth.ca/sites/default/files/pdfs/MR_MAA_210417.pdf

Free Download

Information and resources

Ontario Mine Rescue Refuge Station Guideline:

[https://www.workplacesafetynorth.ca/sites/default/files/pdfs/Mine Rescue Refuge Station Report 2017.pdf](https://www.workplacesafetynorth.ca/sites/default/files/pdfs/Mine%20Rescue%20Refuge%20Station%20Report%202017.pdf)

Free Download

Ontario Mine Rescue Body Recovery Report:

<https://www.workplacesafetynorth.ca/sites/default/files/pdf/Body%20Recovery%20Report.pdf>

Free Download

Emergency Preparedness Self-Audit Blitz



Webinar December 16th, 2019

MLTSD Mining Program

Overview

- Safe At Work Ontario
- Emergency Preparedness Self-Audit Blitz
- Why Is The Ministry of Labour Training and Skills Development (MLTSD) Doing An Emergency Preparedness Self-Audit Blitz
- Hazards
- What to Expect During an Inspection
- Pertinent Sections of Regulation 854
- MLTSD Contact Centre
- Resources

Safe At Work Ontario

- The goal of Ontario's *Occupational Health and Safety Act* (OHSA) is to keep workers safe and healthy. The OHSA sets out the health and safety requirements for workplaces across Ontario.
- Safe At Work Ontario is the Ministry of Labour Training and Skills Development's compliance strategy that helps promote safe and healthy workplace practices.

Safe At Work Ontario

What:

- From December 16 to March 27, 2020, the Ministry of Labour Training and Skills Development with Workplace Safety North will conduct a blitz focusing on Emergency Preparedness Self-Audit in underground, surface and diamond drilling subsectors across Ontario.
- **Phase 1 Education, Outreach and Awareness:** the first phase will focus on Compliance support, Awareness and Self Audit Tool campaign by Workplace Safety North (supported by MLTSD).
- **Phase 2 Inspections Blitz:** during phase two, inspectors will conduct proactive workplace inspections to review the completion of the self-audit with the OHSA and mining regulations.

Safe At Work Ontario

When:

- **Phase 1 Education, Outreach and Awareness:**

December 16, 2019 to March 27, 2020

- **Phase 2 Inspections Blitz:**

Ministry of Labour Training and Skills Development focused inspections campaign.

February 1 to March 29, 2020

Why Is The MLTSD Doing An Emergency Preparedness Blitz

Focus: This blitz is an audit and it will cover underground fires, fire drills, escapeways, secondary access, checks for risk registry for potential emergencies and mine rescue, refuge stations, remote sites work and emergency preparedness.

Rationale: Mines are getting deeper and more remote. Mine rescue capabilities and emergency preparedness need to be up to date.

Hazards

Hazards Involving Emergency Preparedness:

- Underground & surface fires, smoke & toxic gases
- Falls of ground, rockburst, seismicity, rescue trapped workers
- Water accumulation, backfill runoffs/material failure
- Working at heights and retrieval
- Diamond drilling (entanglement with drill string), remote operations
- Alimak raising, retrieval
- Escapeways and secondary access maintenance

What to Expect During an Inspection

- During a proactive inspection, inspectors will review the completion of the self-audit with the OHSA and mining regulations based on the facts at the time of the inspection.
- An inspector has the right to enter and be granted access to all areas of the workplace.
- When a ministry occupational health and safety inspector arrives at your workplace, they will introduce themselves, explain the reason for the visit and ask to have a worker and management representative accompany them during the inspection.
- The Inspector may conduct an administrative review and a physical inspection of the workplace.

What to Expect During an Inspection

- If an inspector finds a contravention under the OHSA, the inspector will explain the contravention and may refer the workplace to a HSA for compliance assistance.
 - An order may also be issued and the employer must comply.
- Inspectors issue stop work orders where an immediate threat to worker health and safety has been observed.
- A field visit report outlining the details of the visit including orders issued, will be provided to the employer.

BLITZ FOCUS: Underground & surface fires

Pertinent Sections of Regulation 854:

- U/G fire procedures (section 25)
- Refuge station (section 26)
- Fresh air base (section 27)
- Extinguishing equipment (section 28)
- Flammable material (section 30)
- Escapeway (section 37)
- Fire doors (section 39)
- Surface fire procedures (section 41)

BLITZ FOCUS: Mine rescue and more

Pertinent Sections of Regulation 854:

- Mine rescue capability (section 17)
- Language of communication (section 10)
- Working alone, communication procedures (section 16)
- Mine Entrance (section 38)
- Building second exit (section 44)
- Second exit (section 85)

MLTSD Contact Centre

1-877-202-0008

- Call between 8:30 a.m. to 5 p.m. Monday to Friday for general inquiries about workplace health and safety.
- Call any time to report critical injuries, fatalities or work refusals.
- **Always call 911** in an emergency.

Resources

- [Regulations for Mines and Mining Plants](#), E-Laws
- [Underground Refuge Station in Mines](#), MLTSD's guideline
- [Workplace Safety North WSN](#), Ontario Mine Rescue Handbook

Thank you

Thank you for helping make workplaces safer.

Contact Workplace Safety North:

1-888-730-7821 (Toll free Ontario)

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