

Immediate Response System

SUDBURY INTEGRATED NICKEL OPERATIONS

A GLENCORE COMPANY

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ACT Accordingly

If you hear the Sudbury Integrated Nickel Operations Smelter emergency horn, you should **ACT** accordingly.



A – Always go indoors.

C – Close all doors and windows.

T – Turn off air intakes (furnace, air conditioners, etc.) and tune into local radio and television stations for news of the alert and information updates.

You should stay inside until the emergency is over and an “All Clear” message is broadcast.

For news of the alert and information updates, you should tune your radio to one of the following stations:

- 99.9 FM, CBC Radio One
- 98.1 FM, Radio Canada
- 103.9 FM, Big Daddy
- 105.3 FM, EZ Rock
- 92.7 FM, Q-92
- 790 AM, CIGM

And tune your television to:

- MCTV (CTV)
- CBC

Procedures

Society today has become dependent upon the use of chemicals in many consumer products. With proper usage and controls, chemicals pose little risk.

In the event of an incident, an immediate response is required to detect and control the release and to quickly and effectively minimize any danger or damage. When a potentially hazardous incident occurs, Sudbury Integrated Nickel Operations will immediately activate its Emergency Response Procedure. Within minutes trained plant personnel will act to control the release, while emergency preparedness officials from Falconbridge and the region direct the emergency response.

Sudbury Integrated Nickel Operations will sound the air horn for approximately 15 seconds, followed by 5 seconds of silence. This sequence will continue until the emergency is over. Since the primary responsibility for the welfare and safety of residents rests with the municipality, Sudbury Integrated Nickel Operations immediately notifies the Sudbury Fire Department of any emergency with the potential to affect the community. In the event of a major emergency, the Fire Department has assumed the responsibility of alerting the public through the news media, and will notify appropriate municipal authorities.

Sulphuric Acid

Sulphuric Acid is:

- A clear liquid this is heavy and oily and has a sharp, penetrating odour.
- Non-flammable but is highly reactive in the presence of certain chlorates and carbides or in contact with metals.
- Extremely irritating to the respiratory system and may cause severe burns on contact with the skin.
- Transported off Sudbury Integrated Nickel Operations property by rail tank cars and tank trucks.
- Used in the manufacture of fertilizers, explosives, pharmaceuticals, etc...
- A by-product of the smelting process at Sudbury Integrated Nickel Operations which is marketed commercially.

Sulphur Trioxide

Sulphur Trioxide is:

- A colourless gas with a strong odour. When it comes into contact with moisture, it will release a white toxic fume of sulphuric acid.
- Non-flammable.
- Extremely irritating to the eyes, skin and respiratory system.
- A necessary by-product of the sulphuric acid production process, produced and consumed at the sulphuric acid plant as part of our efforts to reduce emissions and protect the environment.

Sulphur Dioxide

Sulphur Dioxide is:

- A highly irritating, colourless gas with a strong odour.
- Non-combustible and will extinguish a fire.
- Significantly toxic and extremely irritating to the eyes, skin and respiratory system.
- A by-product of the smelting process typically converted into sulphuric acid and marketed commercially.
- **The Emergency Horn**
- The Emergency Horn at Sudbury Integrated Nickel Operation Smelter will be tested each Friday at 1:30pm for approximately two minutes.

Sudbury Smelter Director's Message

Dear Resident:

Sudbury Integrated Nickel Operations is committed to the protection of life, health and the environment. We are continually improving our environmental performance and have been ISO 14001 certified since 2004. However, we deal with hazardous products and must be prepared for an incident, should one occur. As a member of the community in which we operate, you may be affected.

This brochure outlines the information you need to know to respond and act accordingly. If you have any questions, comments or concerns, please contact us (705) 693-2761.

Sincerely,

Peter Zuliani
Director
Sudbury Smelter

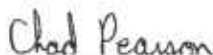
SUDBURY
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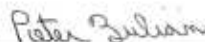
Sustainable Development Management System
System Level Procedure
Sudbury Smelter and Nickel Rim South Mine
Environmental Policy

Sudbury Integrated Nickel Operations' Sudbury Smelter is primarily a nickel smelter and sulphuric acid plant. Nickel Rim South Mine is a nickel/copper mine. The Smelter and Nickel Rim South Mine are located in the City of Greater Sudbury, Ontario. Our facility located at the Port of Quebec in Quebec City, Quebec is a transfer site for nickel containing materials. We are committed to the protection of the natural environment for present and future generations. All employees are responsible for incorporating the actions necessary to fulfill this commitment within their work activities. The responsibilities in this policy are met by implementing an Environmental Management System that incorporates the following elements.

<i>Compliance</i>	We design, operate and decommission our facilities, including the progressive rehabilitation of legacy mining and smelting areas, landfill operations, tailings and wastewater management areas. We will continue to diligently manage our waste streams, air emissions, energy use, and fresh water consumption to meet or exceed applicable laws and regulations. We avoid net losses or degradation of habitats, biodiversity and landscape functions. This remains in conformity with the requirements of the environmental policies of Sudbury Integrated Nickel Operations, A Glencore Company and to other organizations to which we subscribe.
<i>Research</i>	We acquire scientific knowledge and technologies that improve the safe, efficient use of energy, natural resources and materials and minimize the impact of our operations on the natural environment.
<i>Continual Improvement</i>	We set and review objectives and targets to foster the continual improvement of our environmental performance. Principles of pollution prevention and protection of natural resources are used in setting these objectives and targets.
<i>Emergency Preparedness</i>	We maintain effective emergency prevention, preparedness and response systems.
<i>Training</i>	We develop guidelines and provide training to our employees to enhance their abilities to implement this policy and to educate all personnel to the required level of competency.
<i>Communication</i>	Our employees are involved in the development and implementation of our plans & programs and, along with the community and other stakeholders are kept informed of our progress in meeting our commitments in this policy.
<i>Audits</i>	We are audited to evaluate conformance with this policy and the Environmental Management System. The results of these audits and corrective action plans are reported to the management teams.
<i>Management Review</i>	The management teams review this policy and the Environmental Management System on a regular basis for its continuing suitability, adequacy and effectiveness.



Chad Pearson
Superintendent of Environment
EMS Management Rep.



Peter Zuliani
Smelter Director



Christian Bruneau
Nickel Rim Director

Contact Information

- If you require more information about the Sudbury Integrated Nickel Operations Smelter, our operations, or our emergency plan, please call the Smelter Community Hotline at 705-693-2761 ext 3989. To report air quality concerns, call ext 3708.
- More information can be found on our website:
www.sudburyino.ca/EN/ENVIRONMENT/Pages/Environment



Sudbury Integrated Nickel Operations
Sudbury Smelter
Falconbridge, Ontario
POM 1SO
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