

Canadian Industry & Acid Rain Control

Falconbridge's mining and smelting operations in Sudbury and Timmins, Ontario, are among the cleanest in North America. Its Kidd Creek operations at Timmins capture over 98 percent of sulphur in its ores and emit only 5,000 tonnes* a year of sulphur dioxide (SO₂). At Sudbury, 89 percent of the sulphur contained in its nickel and copper ores is captured and emissions have been consistently under control order levels imposed by the Ontario government.

Because much has already been done at Falconbridge, the corporation does not presently have to spend large amounts on SO₂ emission reduction. However, programs and plans are in place to further reduce SO₂ emissions by 1994.

*One metric tonne equals 1.1 ton.

Diversified Mineral Products for Industry

Falconbridge Limited is one of the world's largest mineral corporations, producing a diversified array of metals and industrial minerals. The corporation is the second largest producer of nickel in the western world, from its mines in Sudbury, Canada, and the Dominican Republic and its refinery in Kristiansand, Norway. From its Kidd Creek operations in Timmins, Canada, Falconbridge produces copper, zinc metal and concentrates. The corporation is the largest mine producer of copper in Canada. In addition, the corporation's industrial minerals division is the world's largest producer of nepheline syenite and also produces significant amounts of silica.

The Falconbridge smelter.



FALCONBRIDGE



Falconbridge's markets for its products encompass the entire industrial spectrum, with nickel being used in applications as diverse as jet engines, stainless steel and plated automobile parts; copper in heat-exchangers and communications systems; zinc for galvanizing and die-casting; and nepheline syenite in glass production.

Concern for the Environment

Associated with the metals and minerals that are sought after, most ores contain a variety of elements and substances that are unwanted. These unwanted components may be released and contaminate the environment during the extraction process. This pollution may be either air- or waterborne and may be local or dispersed over large areas.

Falconbridge, like other Canadian mining companies, is concerned to ensure that it protects the environment. All the corporation's employees are required to comply with its environmental policy by incorporating into their planning and daily work the actions necessary to: "Protect and preserve the quality of the environment and obey the environmental laws and regulations of each country in which Falconbridge operates."

Implementation of this policy requires that:

- Facilities are designed, built and maintained in compliance with these laws and regulations.
- All operating procedures are environmentally sound.
- Emergency response systems are formulated and implemented.
- Information is provided to assist governments in the formulation of realistic and practical rules, regulations and guidelines.
- The ability to protect the environment is improved by research and development.
- Employees and agents are advised of this policy.