

The Paraíba Mine

Km 25 da Rodovia PB 065 S/N
Mataraca – PB
CEP: 58.292-000 Brasil



The Millennium Inorganic Mining Ltd. mine in Paraíba is responsible for the extraction of titanium for the Cristal group in Brazil. We are the second largest producer worldwide of TiO₂, a brilliant white pigment manufactured from titanium, and used to give color to almost all materials. In the case of the paints, for example, the TiO₂ provides better coverage, brightness and durability for the formulas, making the modern paints more efficient and easier to apply; they also have a low environmental impact. The TiO₂ also provides the power of coverage and brightness for plastics and rubber products. Its range of applications extends to paper, ceramics, glass, leather, synthetic fibers and the formulation of colors for artistic paints

The mine is located in Northeastern Brazil, in the municipality of Mataraca, in Paraíba, about 1,100 km from the Bahia plant, to which it ships the minerals to be transformed into the TiO₂ pigment. The mine occupies 1,186 hectares. It is comprised of a floating plant and dredge that perform the extraction of the ilmenite (a titanium ore) and of zirconite, rutile and cyanite (used in the ceramic, welding and refractions industries), as well as four fixed production plants.

The mine at Paraíba has ISO 9001:2000, ISO 14001:2004 and OHSAS 18001:1999 certifications, and it has also developed a program for environmental revitalization that is nationally recognized.

Summary of our Performance

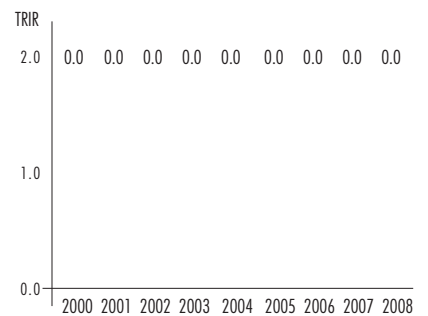
In line with concepts of sustainable development, the unit has as its focus the generation of value for its shareholders, a commitment to its neighboring communities and respect for the environment.

Annual PB 2008 Project Capital Investment: R\$ 1.068 million. PB 2008 Expenses for supplies, parts and services: R\$ 1,474 million.

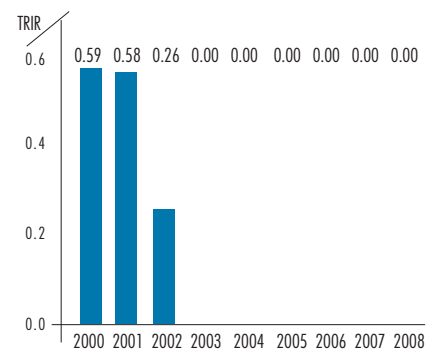
PROVIDING ECONOMIC VALUE

- Approximately 210 full-time employees and contracted help.
- Payroll and annual benefits of about R\$ 10 million.
- Annual investment of approximately R\$ 1 million in capital projects.
- About R\$ 1.47 million is spent for supplies, parts and services.
- Around R\$ 1 million is spent per year in environmental rehabilitation.

Employee–Total Recordable Incident Rate (TRIR)
Rate of injuries per 100 employees



Contractor–Total Recordable Incident Rate (TRIR)



RESPECTING SOCIAL CONCERNS

We believe that social responsibility requires a proactive effort in support of community needs.

- **Involvement with the Community** – The mine maintains a partnership relationship with the neighboring communities. Among the actions performed is the establishment of a preservation center for forest animals and for local flora, where the actions of the Program for Environmental Education are carried out; this program has already been attended by about 6,000 students and 500 professors each year. We also have an Open Door Program, in which the families of the employees visit the mine. The company also supports the Marine Manatee Project, which protects a species that is threatened with extinction. Along with the local mayor's office, the mine sponsors a computer lab in the city of Mataraca.
- **Education** – The plant supports education through a partnership with schools and with the mayors' offices in the region's communities, offering basic schooling, secondary schooling and professional classes for employees, their family members and the community in general.
- **Environmental Quality** – One of the initiatives for the sustainability of the site is the program for the production of native plants, which involves the local community in the sharing of best practices and technologies. The production of seedlings by the community is a part of the process of environmental rehabilitation developed by the mine.
- **Volunteer Work** – Employees are encouraged to participate in volunteer programs developed by representative community associations. Various employees act with environmental protection groups in Mataraca, raising the awareness of adolescents with regard to an understanding of environmental issues.

CARING FOR THE ENVIRONMENT

With our company committed to social responsibility, we operate our units in a way that protects the individual and the environment, and preserves the world for future generations. Millennium Mining is committed to continual improvement in health, safety, the environment, reliability and communication with the community.

- **Environmental Performance** – Zero reportable environmental incidents recorded at the Paraíba mine since 2004.
- **Safety Performance** – The Paraíba mine has not recorded a lost-time accident involving employees since 1999, or involving contracted employees since 1998. On 18 March 2009, the mine had a record of 10 years without accidents requiring absence from work.
- **Prevention** – The plant has a program for guaranteeing the safe operation and maintenance of its processes, focused on the prevention of accidents.
- **Dune Recovery** – The environmental recovery program developed by the Paraíba mine is nationally recognized, including by IBAMA, which considers it to be a model for the re-composition of dunes. In this task, Millennium Mining restores the environmental characteristics, reestablishing the local fauna and flora. As of 2008, 338.51 hectares were recovered and where 1,015,384 seedlings were planted.

National Titanium Dioxide Company Ltd. ("Cristal") and Millennium Inorganic Chemicals (MIC) combine to form the world's second-largest producer of titanium dioxide and a leading producer of titanium chemicals. Cristal and MIC operate eight manufacturing plants in six countries and employ nearly 4,000 people worldwide. MIC is a wholly owned subsidiary of Cristal.

Visit www.cristalglobal.com for more information about the company and its products.

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