## Overriding Commitment to the Environment

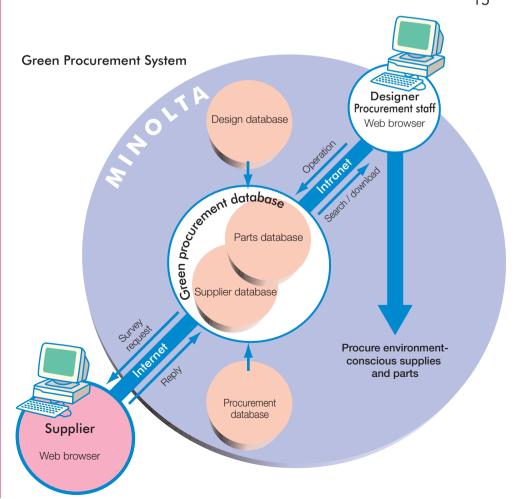
In 1992, the Minolta Group formulated its Minolta Environmental Charter. The Charter embodies our philosophy that reducing environmental impact and preserving the global environment are part of a company's social responsibility, as is maintaining safe and comfortable living environments for the future. Guided by this philosophy, we approach our day-to-day activities with a commitment to reducing the environmental effects of our operations—not only from the manufacture of our products, but from all of our business activities.

#### **Environmental Management**

The Minolta Group has a comprehensive environmental management program that calls for systematic and ongoing environmental preservation measures. We have introduced environmental accounting, while all our Group members, including our sales companies, are making steady progress toward obtaining ISO 14001 certification. With the exception of one overseas company established in fiscal 2001, all of the Group's major production operations have been certified.

We also provide educational programs to enhance our employees' environmental awareness, and we undertake environmental risk management to prevent harm to the environment. Our green procurement system, which prioritizes buying low-environmental-impact materials and parts, is a key initiative of the Minolta Medium-Term Environmental Plan. By the end of fiscal 2001, all procurement

operations related to our image information products had fully adopted the green procurement system. Plans are under way to extend the system to cover optical products, and we are scheduled to complete global implementation for all product lines in fiscal 2002.



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#### **Product-Related Initiatives**

At Minolta, consideration of the environment underscores every stage of the product life cycle. Each product is assessed and designed with the "3Rs" (reduce, reuse, and recycle) in mind, which covers everything from a product's initial development and design to its disposal. Our activities—which include using sustainable resources, reducing the use of specified chemical substances, and saving energy—are all designed to minimize environmental impact.

In fiscal 2001, we began converting to lead-free solder in our circuit-boards, which we have incorporated into some of our copiers. Going forward, we will begin equipping our printers, cameras, and radiometric instruments with lead-free substrates.



Circiut board using lead-free solder

In 1992, we were the first copier maker to receive the Blue Angel Mark, the environmental label of approval of the German Federal Environment Ministry. To date, 32 of our products have earned that label. Several of our

copiers have obtained Nordic Swan, a stringent environmental certification system recognized by five Scandinavian countries.

We quantitatively assess the environmental impact of our products through their life cycles. The results of those evaluations, which we publicly disclose, provide important environmental data about our products and serve as a yardstick to help customers make decisions based on products' environmental sensitivities.



Type III environmental label for DiALTA Color CF2001

### **Facility-Related Initiatives**

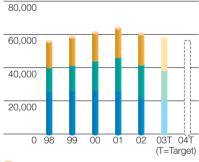
All Minolta Group operations are engaged in wide-ranging environmental protection activities that encompass lowering carbon dioxide emissions to prevent global warming, decreasing chemicals usage, and achieving zero waste objectives. In fiscal 2001, the

Group cut total carbon dioxide emissions by 6%, its first such reduction. In addition, all parent production and R&D facilities met their zero waste targets.

# CO<sub>2</sub> Emissions of Minolta and Group Manufacturing Affiliates

(Years ended March 31)

t-CO<sub>2</sub>



- Overseas Manufacturing Affiliates
  Manufacturing Affiliates in Japan
  - Minolta Co., Ltd.