

Effective Utilization of Resources and Reduction of Waste

In fiscal 2003, Murata achieved its zero emissions target for a recycling ratio of 100% at its 21 plants and subsidiaries in Japan. Our next step is to strive for reduction in emissions of waste.

“Reduce, Reuse, Recycle” Promotion

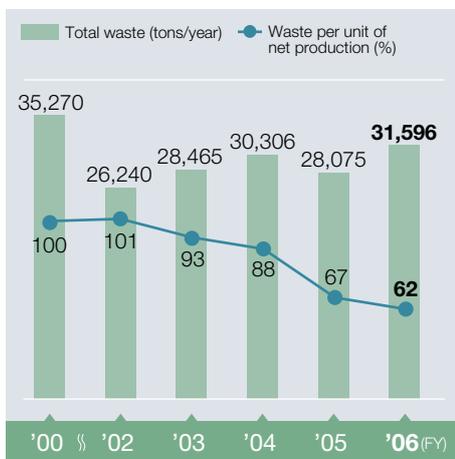
Reducing Waste by Sharing Information between Plants

In fiscal 2006, the amount of waste generated in our offices, plants and subsidiaries in Japan totaled 31,596 tons, a decrease of approximately 3,674 tons from fiscal 2000. In terms of waste materials generated per unit of net production, this is a decrease of about 38%—in line with our targets.

Furthermore, when constructing new office buildings and plants, we maintain a 100% record for recycling of construction waste materials.

Collaboration between Group facilities is vital to reducing waste and raising recycling levels. Accordingly, we periodically hold meetings for the officers responsible for waste management in respective plants, offices and subsidiaries. At these events, participants exchange information and opinions, such as through the presentation of case studies.

Amount of Waste Generation



Employee Perspective

Murata's Responsibility to Establish Waste Separation Technologies

Murata discharges used polyethylene (PET) and polypropylene (PP) along with other plastics from its manufacturing sites. By separating this waste, we can facilitate recycling as textile products or agricultural materials, while reducing waste matter.

Using equipment developed by Murata, we are aggressively promoting separation of extraneous matter from PET. I strongly feel that it is the social responsibility of a manufacturer in a recycling-oriented society to establish waste separation technologies as a complement to product manufacturing technologies.



Katsumi Oka

Environmental Management Section, Administration Department, Izumo Murata Manufacturing Co., Ltd.

Agenda of Meetings between Waste Management Officers

- Inspections of waste management sites at each plant, office and subsidiary
- Presentations and information sharing on waste-reduction case studies
- Exchange of views among participants
- Lectures presenting the latest waste-management information by external experts

Achieving 100% Material Recycling

Murata is striving to reduce waste liquids and plastics, which account for approximately 70% of total waste. In fiscal 2006, we continued our efforts from the previous year to reduce effluent and bolster polyethylene (PET) film material recycling.

As a result of management of recycling and proper separation of wastes, the materials recycling ratio for fiscal 2006 stayed on target at 100%.

Zero Emissions at Overseas Plants

Murata attained zero emissions of waste for its domestic plants during fiscal 2003. In fiscal 2006, we set a new target of zero emissions for our overseas operations by fiscal 2010, and are currently working toward this goal.

About Murata's Definition of “Zero Emissions”

Murata defines zero emissions as zero direct landfilling of waste as well as zero landfilling of waste matter remaining after intermediate treatment (i.e., a 100% recycling rate). However, Murata's zero emission and recycling rate targets exclude waste matter that the Company is unable to process on its own, such as excess sludge in remediation tanks.



Web Data

• Electronic Manifesto

• Effective Use of Water Resources

▶ <http://www.murata.com/csr/environment/09.html>

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