

Zero Waste Emission (Measures to Waste reduction)

FDK Group is addressing 3R (Reduce, Reuse and Recycle) activities in order to effectively use the limited resources and to reduce environmental burdens to the global environment by waste. The 3R activities include to reduce generation of wastes and to separate wastes by category for reuse. In view of forming the recycling society, FDK Ecotec Co., Ltd., a group company, collects information equipment such as personal computers and separate waste plastics, glass, metal and other resources from them for reuse to other applications. (Refer to page 29)

Targets of the Third Environmental Action Plan

Generation of wastes reduced at the end of fiscal 2006 by 3% of those generated in fiscal 2003

- The scope of reductions includes FDK plants and offices in Japan.
- Zero emission of wastes will be achieved by the end of fiscal 2004 ahead of the target shown in the "Second Environmental Action Plan" by 1 year.

Waste Reduction Activities

In fiscal 2004, the efforts of FDK Group was directed to reduce the total volume of wastes generated for disposal, and to achieve zero emission of wastes by the end of fiscal 2004 ahead of schedule by 1 year. More precisely, in stead of packaging products, returnable boxes were used, wastes were reused as a resource in the process, and waste plastic vessels were reused for other in-house applications.

Due to these activities, the total volume of wastes generated and disposed during fiscal 2004 was reduced to 1,816 ton or 13% reduction over the previous year.

Achievement of Zero Emission

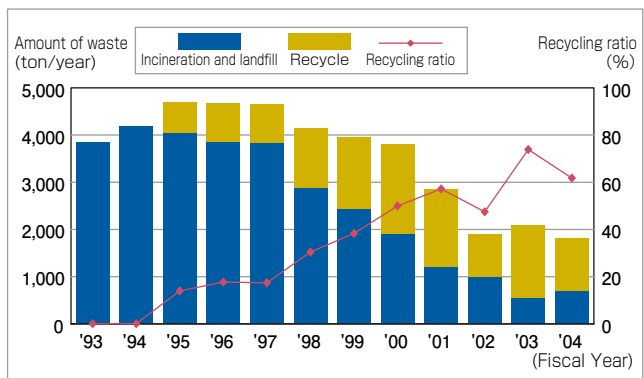
In fiscal 2004, all wastes generated in FDK plants were identified and examined for recycle and reuse. This was resulted in formation of "FDK Group Zero Emission Guideline."

Along with the guideline, efforts were made to reuse sludge into the subbase course soil and cement materials, and to totally eliminate generation of sludge in septic tank using biotechnology.

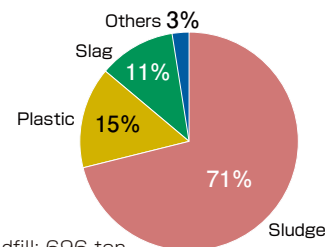
Waste plastics were recycled after separating them into finely segmented categories in cooperation with FDK Ecotec Co., Ltd. , whereas waste papers were shredded for reuse as packaging materials. Other wastes were recycled as a material of paper.

Thanks to these efforts, a recycle system was established in our company group by the end of fiscal 2004, and thus, all types of waste are now able to be recycled, including those were not possible to do so before. Now, our target of zero emission of wastes at all offices and plants of FDK Group in Japan was achieved. In fiscal 2005, it is likely that zero emission is achieved throughout the year.

Transition in waste emissions volume



Wastes by Type



Wastes disposed by landfill: 696 ton

Actions for Maintaining Zero Emission of Wastes

In the future, FDK Group will continue efforts in further decreasing the total volume of wastes and establish a system to check internally whether each offices well manages its own zero emission activities in preparation for emergence of new types of wastes.

Zero Emission of Wastes in FDK Group

Definition: Zero emission is defined as utilizing all wastes generated in the group effectively to eliminate disposal of them by incineration and landfill.

Wastes: Sludge, waste acids, waste alkali, waste plastics, waste oil, metal slag, glass, ceramics, dusts, waste wood chips, waste paper, waste textile, animal and plant residues (food wastes) and sludge in septic tanks