



The Sumitomo Bakelite Group aims to reduce waste generation and achieve zero emissions.

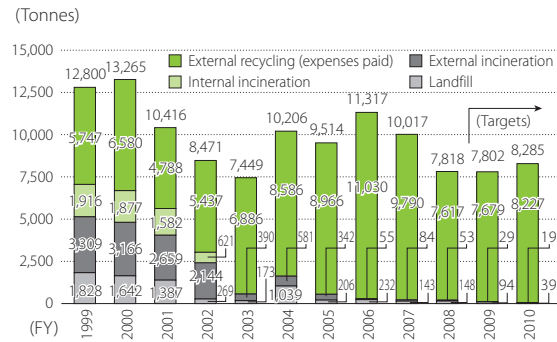
In its waste reduction efforts, the Sumitomo Bakelite Group focuses on improving yield in manufacturing processes and controlling waste generation by recycling within those processes. Furthermore, with regard to waste generation, we are aiming to achieve “zero emissions,” recycling all waste and thereby avoiding the use of landfills or incineration without energy recovery.

The graphs below entitled “Waste Generation” and “Zero-Emissions-Targeted Substances” show our progress and targets. Since fiscal 2000, we have steadily reduced waste generation by improving yield, implementing recycling, and converting

waste into valuable resources. Year-on-year increases in total waste generation were recorded in fiscal 2004 and fiscal 2006 owing to the addition of new facilities to the boundary of data gathering and other factors. In fiscal 2008, as a result of the effects of the decline in production volume, the total volume of waste generated decreased 2,915 tonnes.

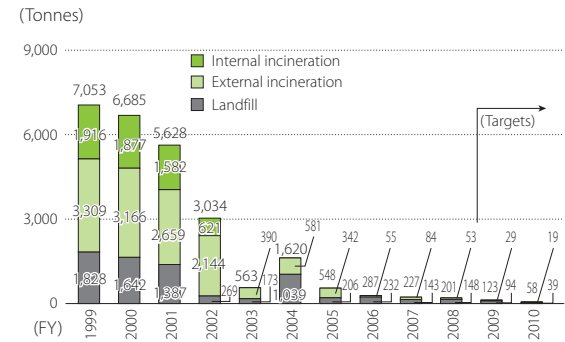
On the other hand, we were successful in reducing the amount of “zero-emissions-targeted substances” 98% to 2% of the amount in the base year of 1999, also as a result of the decline in production volume.

Waste Generation



Notes: 1. Data are compiled from all domestic business sites listed on page 11.
2. Waste consists of the amount of landfill waste, externally incinerated waste, internally incinerated waste, and externally recycled waste (expenses paid).

Zero-Emissions-Targeted Substances



Notes: 1. Data are compiled from all domestic business sites listed on page 11.
2. Zero-emissions-targeted substances include landfill waste, externally incinerated waste, and internally incinerated waste.

The number of zero-emissions-certified sites has increased to 12 in Japan and 1 overseas.

Zero-Emissions-Certified Sites*

Fiscal years	Domestic	Overseas
2002	Yamaroku Kasei Industry Co., Ltd.	
2003	Amagasaki Plant and Kyushu Bakelite Industry Co., Ltd.	
2004	Utsunomiya Plant, Tsu Plant, and Fundamental Research Laboratory	
2005	Shizuoka Plant	Sumitomo Bakelite (Taiwan) Co., Ltd.
2006	Artlite Kogyo Co., Ltd.	
2007	Akita Sumitomo Bakelite Co., Ltd., S.B. Techno Plastics Co., Ltd., Hokkai Taiyo Plastic Co., Ltd.	
2008	Kobe Fundamental Research Laboratory	

Note: When the total volume of waste disposed of in landfills and through simple incineration is less than a cumulative total of less than three tonnes for six months and then less than three tonnes for the next six months, the business location can be certified as “zero emission.”

We would like to introduce what the persons in charge of promoting zero-emission operations have to say.

Voices of the People in Charge

Kobe Fundamental Research Laboratory

We do not have large amounts of waste here, but our unnecessary equipment as well as glass instruments and vessels are largely disposed of in landfills. We have worked to separate this waste into different types to enable us to change the method of disposal. We posted signs regarding the separation of wastes and took steps to make everyone aware of these initiatives, while also implementing measures to improve the areas for depositing separated waste. These efforts made it possible to recover wastes more effectively, recycle a portion of these items, and thereby reduce the level of wastes to be disposed of.

Minoru Kita (left), Haruo Ohkubo (right), Facilities Department

