To reduce waste

Waste generated by production activities is minimized by recycling and by using no extra materials.

■Mid-term target

Direct landfill waste
To be reduced **99.5%** from 1995 level by the end of 2010.

Intermediately processed waste
To be reduced **75%** from 1990 level by the end of 2010.

Emissions (Onerous + inverse onerous + waste)
To be increased no more than **+6%*** from 2003 level by the end of 2010.

*Targets are set with an increase of production taken into account.

Zero-emission activities

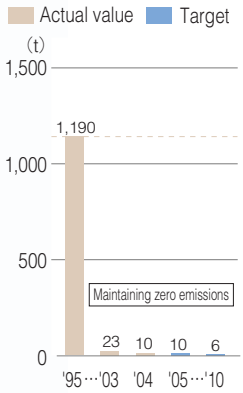
To achieve a recycling-based society, we promote the reduction of waste, the effective use of resources, and the use of more recyclable materials. Our reduction targets for direct landfill waste and intermediately processed waste have been achieved ahead of the schedule set in our intermediate plan.

"3R" waste reduction activities

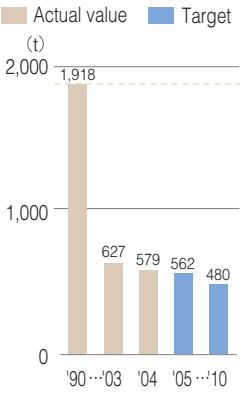
Tokai Rika is carrying out waste reduction activities based on the 3 R's: Reduce, Reuse, and Recycle. In 2004, we tackled a complete overhaul of our reduction activities and instituted a sorting/collection system for recyclable materials. And we achieved our intermediate targets (2005 targets) by reducing direct landfill waste to10 tons and intermediately processed waste to 579 tons.

Data File P3

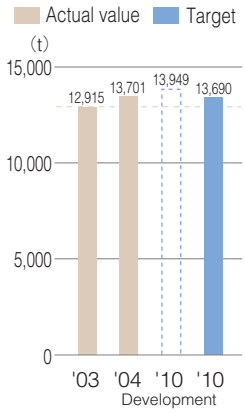
■Change in amount of direct landfill waste



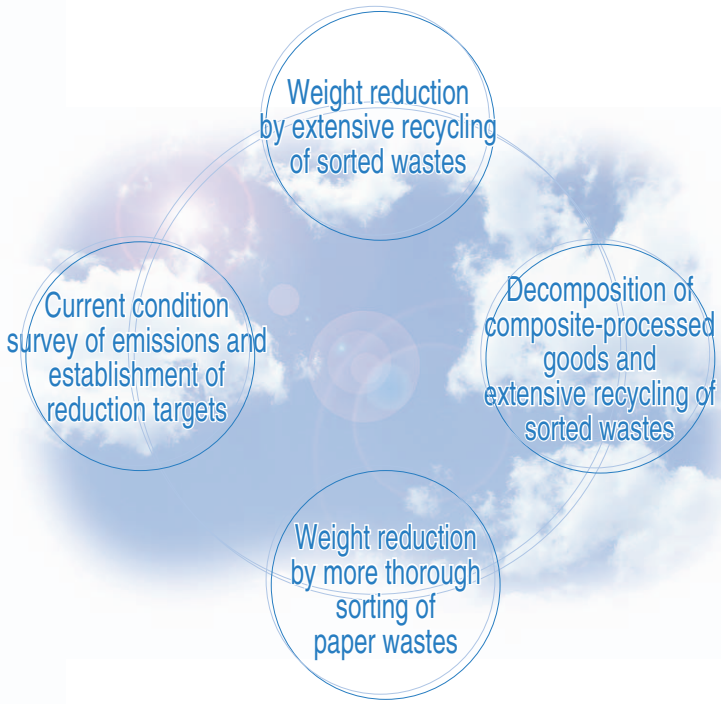
■Change in amount of intermediately processed waste



■Change in amount of waste



Main activities



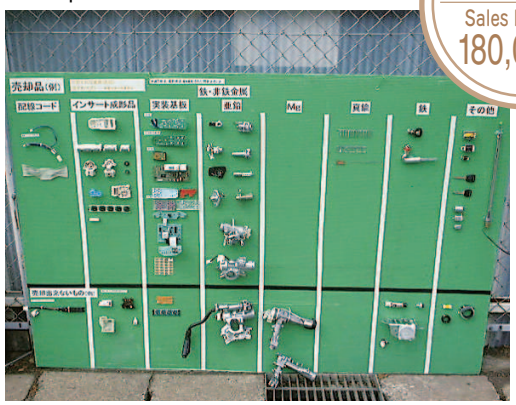
Recycling of sorted and collected wastes

Waste that used to be disposed of as landfill, including iron and nonferrous metals (brass, copper, aluminum, scrap wire, mounted substrates, stainless steel, etc.), were further sorted into more specific materials and sold and recycled. As a result, an actual reduction of 6.5 tons of landfilled waste was achieved in 2004 over the previous year, and about a 180,000 yen sales profit was obtained as an added benefit.

In addition, efforts were made to improve the awareness of all employees for collection segregated, such as utilizing sold sample boards, etc.

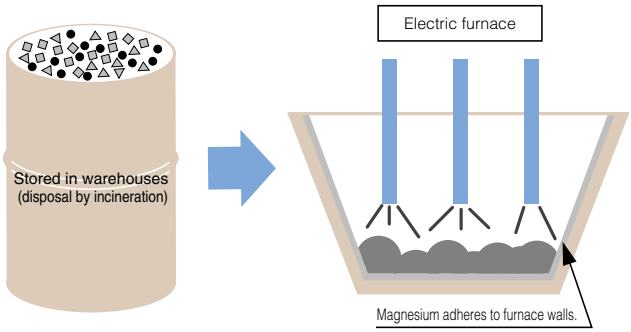
Waste reduced 6.5tons.
Sales balance 180,000yen

■Sample boards



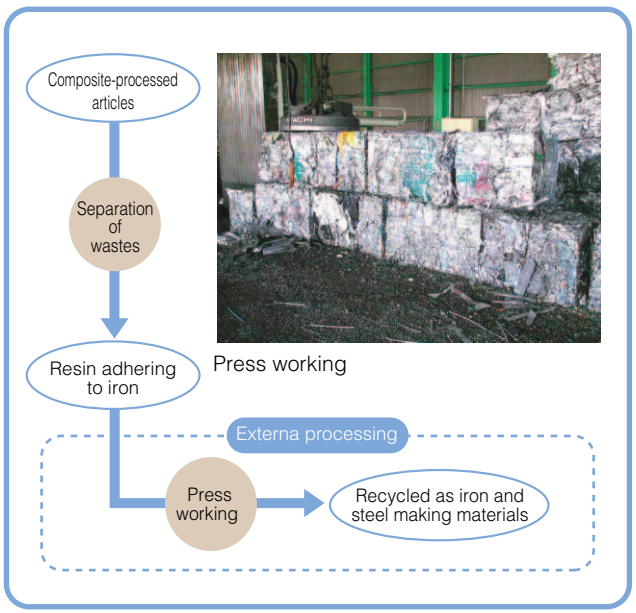
Recycling of magnesium waste

Magnesium waste generated by magnesium casting and machining processes has been stored in drum cans for a long time because it not only cannot be sold because of grease adhesion but also cannot be disposed of because of its hazardous properties. In spite of these difficulties, however, we are now recycling magnesium waste as a furnace wall protecting material for electric furnaces used by steelmakers.



Recycling of composite-processed articles

Because composite-processed articles are made from different kinds of materials, such as resins, metals, etc., they are difficult to recycle and have been conventionally disposed of as landfilled waste. By thoroughly separating the wastes, including even resins adhering to iron, we are able to recycle composite-processed articles as iron and steel making materials.



Press working