

Environmental Protection Program

Environmental Protection Activities in Logistics and Distribution

The process of delivering a product from a production plant, called a distribution process, imposes two types of burden on the environment:

- Environmental burden related to product packaging.
- Environmental burden related to product transportation.

The Oki Logistics Co., Ltd., in charge of logistics and the distribution of all products, is also engaged in reducing the environmental burden for the distribution process.

1. Environmental Burden Reduction Activities for Packaging

■ Packaging assessment

It is important that the environmental burden caused by packaging materials, is evaluated and eliminated during the package design stage. Packaging assessments are conducted while collaborating with design departments, to reduce the environmental burden of the packaging materials.

■ Packaging materials' reduction, reuse and recycling (3R's) activities

The currently used packaging materials are reviewed and evaluated by the "3R's" methodology to reduce the amounts used, or to change the materials to those which are more easily recycled.

Packaging Materials' 3R's Activities

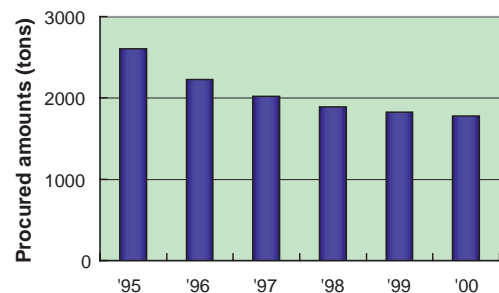
Category	Activities	Specific examples
Reduction	Simplification of packaging	- Eliminate wood-frame packaging.
Reuse	Increase the packaging material's reuse	- Reuse used cartons and cushioning materials. - Reuse IC trays and magazines.
Recycling	Use materials that are easier to recycle	- Change paper packaging to corrugated cardboard packaging. - Change plastic labels to recyclable labels.

■ Reduction in the use of plastic packaging material

Plastic packaging materials cannot be recycled easily and they produce dioxin when they are incinerated. Due to these issues, efforts are underway to reduce the amount of plastic packaging materials that are used.

The following steps are being taken to reduce the amounts used:

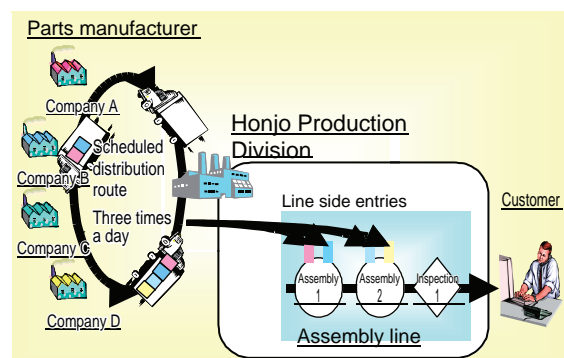
- Replacing plastic cushioning and filler materials with corrugated cardboard materials.
- Using pulp mold materials.



Amounts of plastic packaging materials procured

2. Activities for Reducing the Environmental Burden of Transportation

The major environmental burden resulting from the transportation of products is due to CO₂ and SO_x exhaust gases that are discharged during transportation. In order to reduce this environmental burden, Oki Honjo District implemented a collaborative distribution system with our affiliated companies, whereby the transportation efficiency has been raised.



Collaborative Distribution