

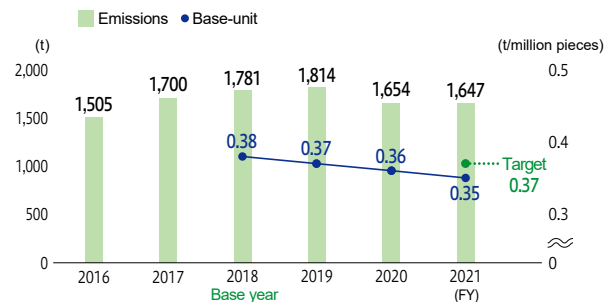
Establishment of a Recycling-based Society

To make effective use of limited resources, the Tokai Rika Group is promoting the cyclical use of various resources such as resins and metals used in the production of products. In addition, as the use of water is indispensable in production activities, we are working to reduce the impact on the discharge destination by reducing the amount used and thoroughly controlling the water quality.

Reduction of waste materials in production

We are working on reducing the discharge of waste materials and using resources efficiently by thoroughly implementing the 3Rs such as improving production yield, reducing the rate of defects, reusing resin and metal waste materials, and making materials paperless.

■ Trends in the discharge of waste materials and base unit (Tokai Rika)



Reduction of packaging material in logistics

In order to reduce the environmental load in logistics, we are pro-actively promoting initiatives to reduce the usage of packaging materials.

By reducing the thickness of the poly sheets used to pack parts for overseas shipments and the plastic bags used to pack connectors to the utmost while maintaining quality, we have reduced the amount of packing materials by 2.1 tons per year.

In addition, by changing the central part of the cardboard box used for packing the connector to a reinforced lightweight type, the weight per box has been reduced by 10%.

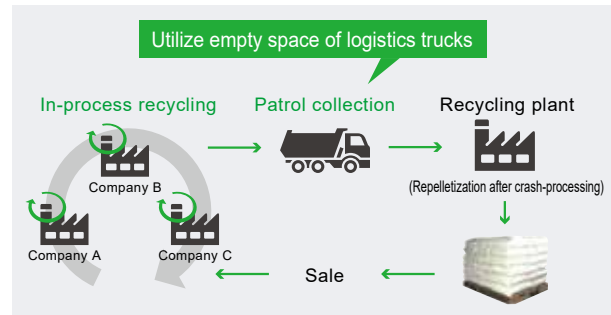


Reinforced lightweight cardboard

10% reduction in material weight

Utilization of resin offcuts

We have launched a PJT that utilizes resin waste materials and are strengthening our in-process recycling efforts. In addition, we will build a resource recycling system in our supply chain, including suppliers, and use the amount that cannot be consumed in the process for painting jigs; and we will expand its use as product materials in the future.



Upcycling of the edge loss of seatbelts

We are trying to recycle edge loss generated in the seatbelt manufacturing process into fashion accessories and commercialize them. We are working to realize a "circular economy" by asking local tent makers for their cooperation, combining the provided tent scraps, and increasing product value with meticulous designs, etc.



Edge loss of seatbelts



Seatbelt bag

Reduction of the use of water

In the plating process, part of the waste water is treated in the ion exchange tower and then reused in the process. We also reuse the concentrated waste water, produced in the pure water manufacturing process, needed for removing the smallest particles of dirt in the semiconductor manufacturing process and some pure water used in dirt removal, to reduce the water consumption and amount of waste water.



Ion exchange tower