

Initiatives for Reducing Waste

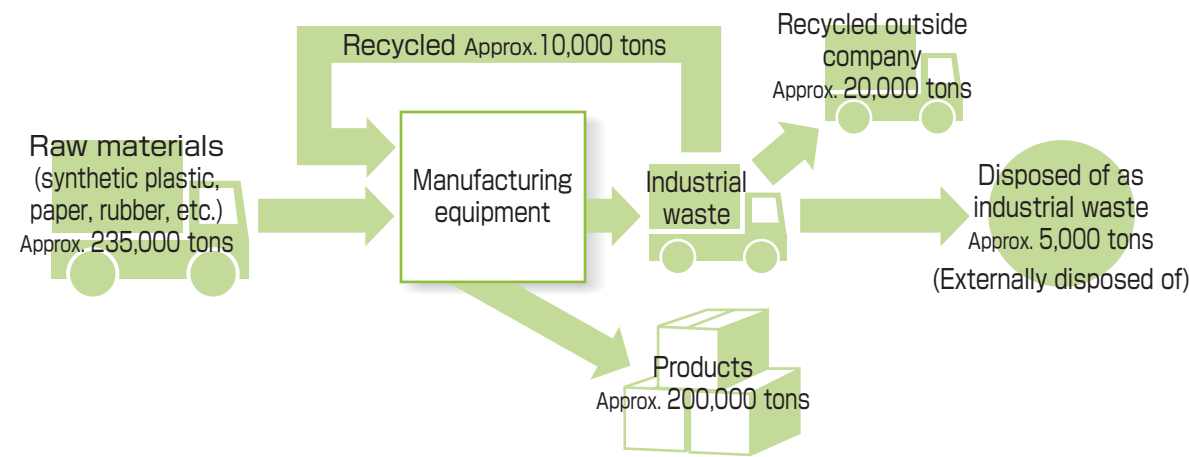
Control of industrial waste

Established in 1992, Nitto U-tech Corp. is involved in recycling materials found in industrial waste and thermal recycling (converting industrial waste into fuel). As a result of the company's activities, the amount of waste that had to be disposed of was dramatically reduced, achieving targets set for fiscal 2002 in fiscal 2000. The Toyohashi plant eliminated the waste discharged from the plant in March 2001. Nitto Denko intends to expand its activities to achieve this throughout

the company. The company's project for reducing value of industrial waste since July 2000 achieved its original targets and was discontinued. Starting in fiscal 2001, based on those results, new technologies for solving these problems are being developed, primarily at the Production Engineering Development Center.

Raw materials flow

Approximately 200,000 tons of products were produced from about 235,000 tons of raw materials in fiscal 2000. The difference of 35,000 tons of industrial waste not has an impact on the environment but has an impact on management in the form of value of manufacturing (value of industrial waste).



Topics

Toyohashi plant is the first to achieve elimination of waste discharge.

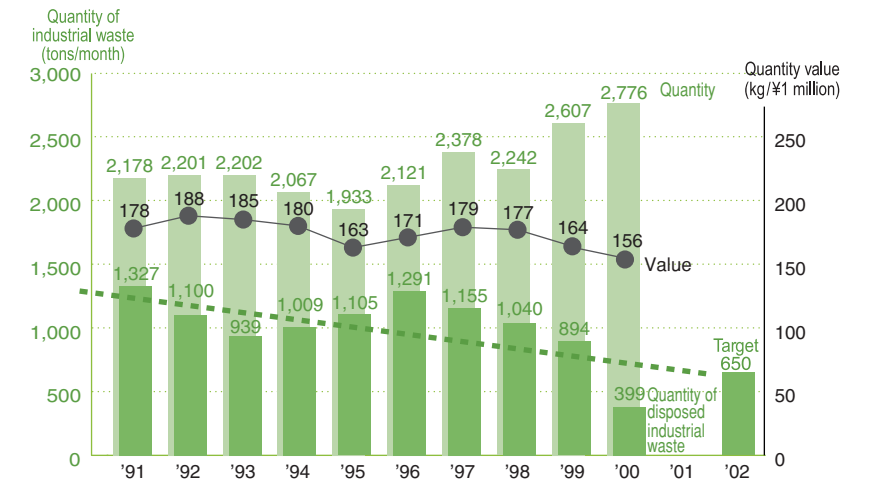
While 825 tons of industrial waste was discharged from the Toyohashi plant per month in fiscal 1991, discharge of waste was virtually eliminated by the end of March 2001. This was achieved by holding down the amount of waste produced by modifying manufacturing equipment and raising recycling rate by thorough sorting. This has become a model for eliminating discharge of industrial waste throughout the company.



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Quantity of disposed industrial waste

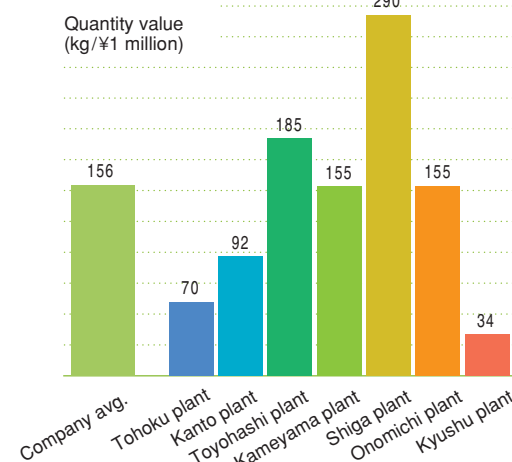
The amount of industrial waste produced has become highest ever due to an increase in production. Thorough efforts with recycling however have reduced the amount of industrial waste disposed to its lowest level ever, with targets for fiscal 2002 being reached two years ahead of time.



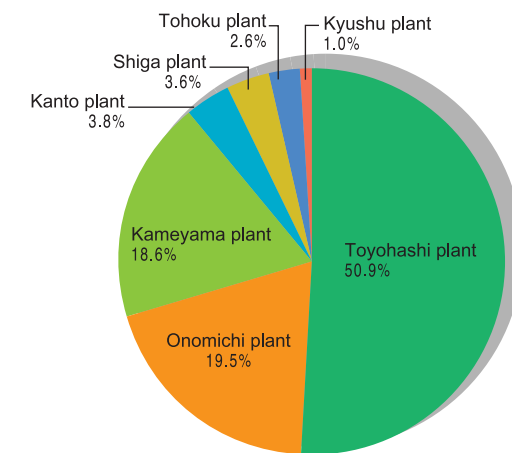
Comparison of plants (fiscal 2000)

The quantity value of industrial waste produced at the Shiga plant increased from 162 last year to 290 due to a temporary increase in wastewater.

Quantity of disposed industrial waste per ¥1 million worth of production at each plant

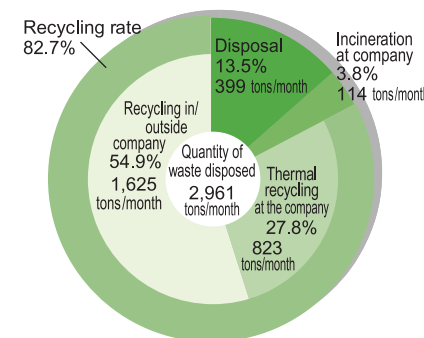


Comparison of quantity of disposed industrial waste



Treatment/disposal of industrial waste (fiscal 2000)

Breakdown of treatment/disposal



Recycling rate has risen from 62% last year to 83% thanks to thorough sorting of materials. By working to eliminate discharge of waste, the company plans to increase its recycling rate to 98% or better by fiscal 2002.

Topics

Environmental awareness enhanced by awards

The following two awards have been established to promote environmental awareness among employees and facilities:

- 1. Value of industrial waste reduction award**
Award for individuals and groups achieving outstanding performance in reducing value of industrial waste.
- 2. Award for elimination of waste discharge**
Award for plants eliminating waste discharge.