

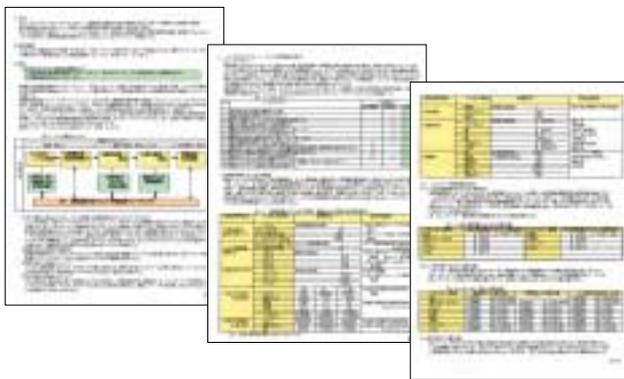
LCA System

Adopting new guidelines to promote the use of the LCA throughout the company

Toyota Industries uses LCAs to determine the environmental impact of its products throughout their entire life cycle, and as a tool for reducing the environmental impact of products. The company is working to perform LCAs for all of its products, based on a new set of in-house guidelines that was established in May 2004.

■ LCA Guidelines

In May 2004, Toyota Industries published a new set of in-house guidelines with the objective of performing LCAs for all of its products. The guidelines are based on previous results of LCAs performed on select products and processes, and contain specific instructions for deriving the environmental impact of a product life cycle and for using the results to reduce the environmental impact of a product. The guidelines will serve as a starting point for expanding the company's application of LCAs, and as part of this effort, the company will utilize its environmental information system to establish specific management items and target values for the initial stage of the product development process.



LCA Guidelines

■ Publicizing Research Results Based on LCAs

In May 2003, Toyota Industries joined other automotive-related firms introducing their newest products and technologies at the Pacifico Yokohama Convention Center in the 2003 JSAE (Society of Automotive Engineers of Japan, Inc.) Automotive Engineering Exposition. During the exposition, Toyota Industries released its research results for an LCA performed on hydraulic fittings that was conducted during FY 2002.



2003 JSAE Automotive Engineering Exposition

Recycling

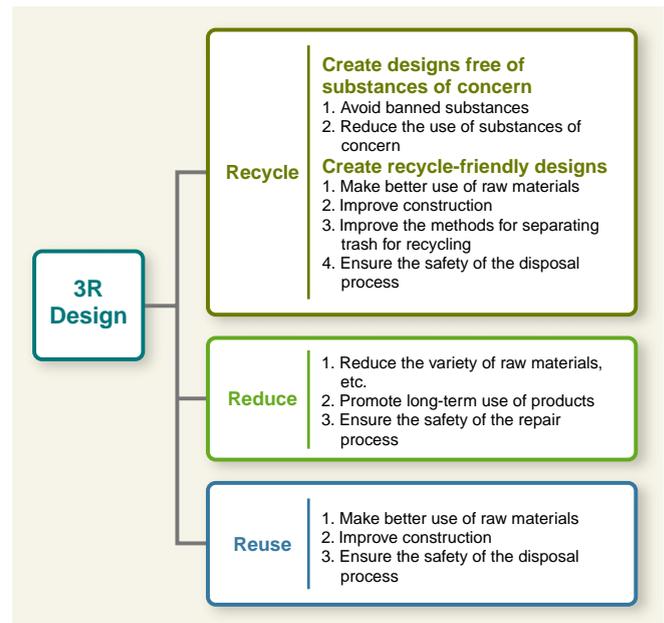
New Toyota Industries 3R Design Guidelines Replace Previous Guidelines

Toyota Industries is firmly committed to applying the 3R concept of "Reduce, Reuse and Recycle" in its product development and design activities in order to contribute to the creation of a recycling-oriented society that efficiently reuses its finite resources.

■ Toyota 3R Design Guidelines

The Toyota 3R Design Guidelines were finalized in April 2004, and now supplant the company's previous guidelines for recyclable designs, which mainly focused on recycling issues. The new guidelines incorporate the 3R concept into the company's product design activities, and include a design checklist for product designers.

■ Major Principles of 3R Design



■ Automotive Wrecking Firms

With Japan's Automobile Recycling Law set to take effect in January 2005, Toyota Industries has continued to conduct field surveys of automotive wrecking firms. These visits enable the company to better grasp how ELVs are being dismantled in the field, and to provide feedback for the company's product development processes. The company visited 11 firms during FY 2003, collecting valuable field data and receiving direct input from the wrecking firms. A report, compiled of the observations made, was utilized to revise in-house technical standards and was relayed to the company's various divisions in order to improve the recyclable designs at the product development stage.