

Eco-Products (eco-friendly products)

To alleviate environmental impact of the product lifecycle at each stage as much as possible, we conduct "eco-friendly design assessment" based on the concept of eco-friendly design in order to develop products.

Eco-friendly Products of Fiscal 2007

To alleviate as much as possible the environmental impact of a product in each stage of its lifecycle (raw material production distribution use collection and disassembly -- appropriate disposal), our Group proceeds with product development by using "eco-friendly design assessment" unique to our Company, based on the concept of eco-friendly design.

Our Group defines environmentally friendly products as those whose eight assessment items "score at least 2 on a scale of 5, with a total average of at least 3."

Category	Life cycle stage	Assessment criteria
Resource reduction	Selection of component materials, production, and distribution	Resource conservation, compactness, lightweight, conformity, high yield, standardization
Product longevity	Usage	Upgradability, ease of repair and maintenance, durability, reliability
Resource recycling	Reuse, distribution	Reusability, conformity/labeling of component materials, use of recycled materials, promotion of resource recycling
Ease of disassembly	Disassembly	Ease of disassembly, materials, ease of sorting, labeling of materials
Ease of processing	Production, distribution, disassembly	Crumbing, fragmentation, disassembly and separation, ease of processing
Environmental safety	Materials, production, distribution, usage, disassembly, disposal	Potential toxicity, potential harmfulness, explosiveness, potential hazard
Energy conservation	Usage, production	Energy conservation, longer durability, energy efficiency
Provision of information	Usage, disassembly, disposal	Provision of information regarding products handling, scrapping and disposal

In-car radio unit "TR series"

- ① Environmental conservability: RoHS-compliant
- ② Compact: 28% smaller



Pan-tilt-head-integrated camera for out-door use "HC-401 series"

- ① Environmental conservability: RoHS-compliant
- ② Compact: 67% smaller
- ③ Lightweight: 56% lighter
- ④ Power consumption: 58% lower



Portable UHF antenna "FLEMO®"

- ① Compact: 56% smaller
- ② Recyclability: Up 11%



YAGI ANTENNA INC.

* FLEMO® is a registered trademark of YAGI ANTENNA INC.

Topics

RoHS-compliant Semiconductor Manufacturing Equipment

The RoHS Directive of the EU regards semiconductor manufacturing equipment as non-applicable products because such equipment corresponds to large-scale stationary industrial tools.

However, we define reduced environmental impact as an important issue and promote advanced conformity, and as a voluntary response, will apply the applicable commercialization of equipment, in compliance with RoHS restrictions on the use of six hazardous substances, beginning with the shipment of the new model of QUIXACE® in August 2008.



Editor's Postscript

Thank you very much for reading the Hitachi Kokusai Electric Group CSR Report 2008. Having made step-by-step improvements based on comments raised in various forms, we are now issuing this report as the third annual report of its kind; that is, a report on the third year since CSR was included in the name of the report. Thanks to your cooperation, this report is also based

on the PDCA (Plan, Do, Check, Action) cycle. And that constitutes a check of the CSR activities in general, meaning our Group's business in general, and will presumably trigger further improvements and the promotion of said activities. We ask for your continued cooperation.