

# Furukawa Electric Basic Environmental Policy

## Basic Concept

Furukawa Electric recognizes that preservation of the global environment is a critical issue for society, and shall incorporate consideration of environmental preservation issues into every phase of corporate activity, to contribute towards the sustainable development of prosperous and bright society.

## Activity Guidelines

- All activity shall be based on an awareness of its effect on the global environment, and environmental preservation activity shall be continued.
- We shall observe national and local environmental laws and regulations, and when necessary define our own standards and environmental objectives and targets.
- Environmental issues shall be taken into consideration in every phase of our work from the R&D and design stages, and we shall strive to supply environmentally-friendly products.
- In every phase of manufacturing, distribution and installation we shall work to reduce consumption of resources and energy, promote recycling, and reduce waste materials and environmental loading.
- We shall create and maintain organizations as needed to promote environmental preservation activities, such as environmental management system.
- We shall educate all employees regarding environmental preservation issues.  
Moreover we shall work to maintain and improve understanding of this policy and a better awareness of environmental preservation issues.

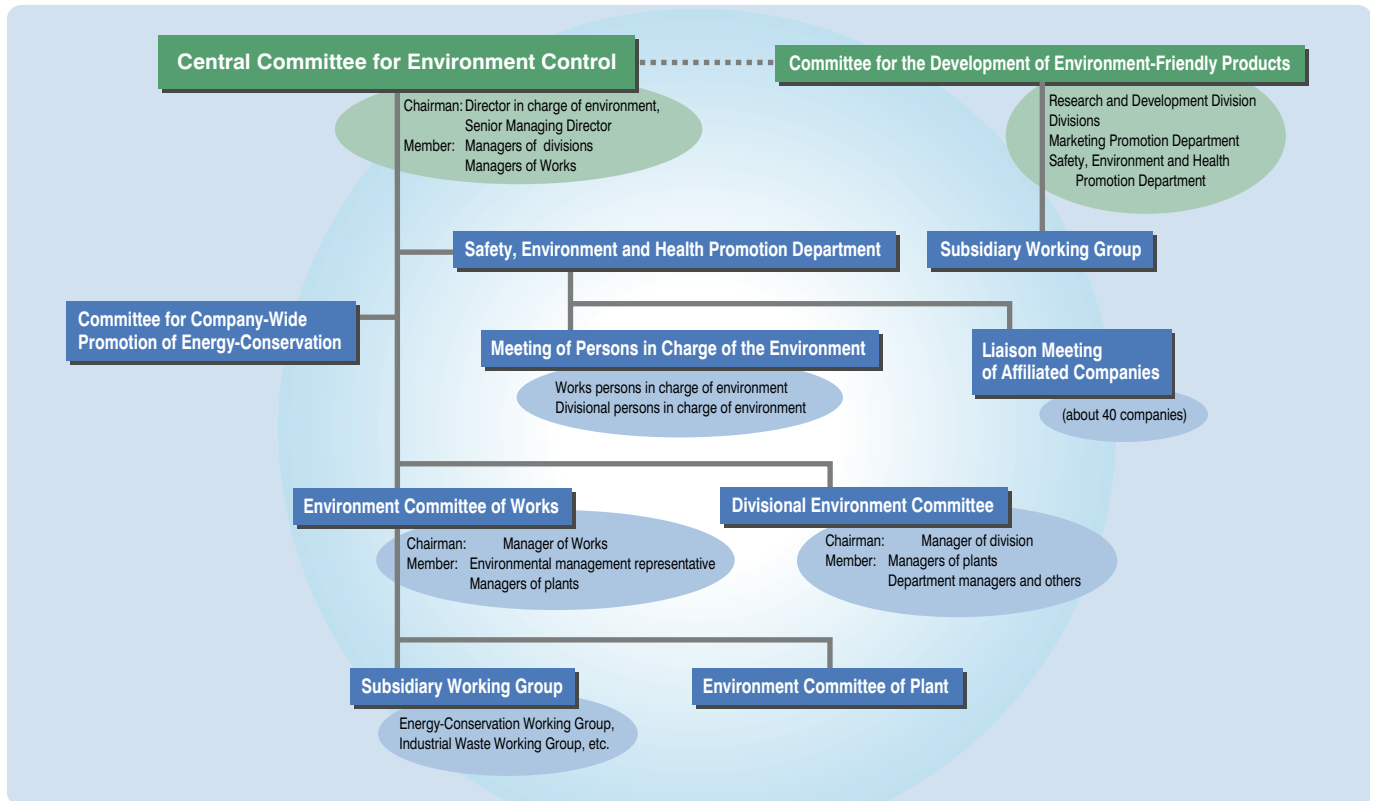
(Established January 5, 1998)

# Environmental Management System

## Progress of Corporate Initiative

- |      |  |  |   |
|------|--|--|---|
| 1972 | ● "Company-Wide Regulations for Environmental Pollution Prevention" formulated   | 1998   | ● The Chiba Works acquired ISO 14001 certification<br>● The Mie Works acquired ISO 14001 certification  |
| 1974 | ● Environment Control Department established<br>● Energy-Conservation Team started   | ● "Company-Wide Regulations for Environment Control" formulated revising "Company-Wide Regulations for Environmental Pollution Prevention"   |   |
| 1989 | ● Team for Use Reduction of Specified CFCs started<br>● Renamed as Team for Use Reduction of Ozone Layer Depletion Substances in 1992  | 1999   | ● Safety, Environment and Health Promotion Department started incorporating Environment Control Department and Safety Control Sections  |
| 1993 | ● "Basic Thinking on the Protection of the Global Environment" formulated<br>(Furukawa Electric's voluntary plan for environment preservation)   | 2000   | ● Environment and Energy Laboratory established<br>● Liaison Meeting of Affiliated Companies established<br>● Environment Report began to be issued   |
| 1994 | ● Committee for Company-Wide Promotion of Energy-Conservation established  | ● Meeting of Persons in Charge of Environment started<br>● The Hiratsuka Works acquired ISO14001 certification<br>● The Kambara Works acquired ISO14001 certification<br>● The Osaka Works acquired ISO14001 certification |   |
| 1996 | ● Specified CFCs and trichloroethane completely eliminated from the company  | 2001   | ● Medium-Range Plan for Environment Preservation Activities formulated<br>● The Shinagawa Works acquired ISO14001 certification<br>● Environment-Related Accounting started to be disclosed |
| 1997 | ● Promotion Team for the Reduction of Industrial Waste started   | 2002   | ● The Nikko Works (Kiyotaki District) acquired ISO14001 certification   |
| 1998 | ● "Furukawa Electric Basic Environmental Policy" formulated<br>● Central Committee for Environment Control established<br>● Committee for the Development of Environment-Friendly Products established |  |   |

## Organization and Structure



## Medium-Range Plan for Environment Preservation Activities

Based on the Basic Concept and Activity Guidelines, we have formulated the Medium-Range Plan for Environment Preservation Activities 2002. The plan organizes our environmental tasks and sets out specific items of environment preservation activities including targets by the end of fiscal 2002. Furthermore, we evolve the plan into itemized targets and activities in focus for each year, which are incorporated in the Environmental Management System of every Works to be pursued actively.

### Medium-Range Plan for Environment Preservation Activities 2002

- Acquisition of ISO14001 certification by all the Works and their consecutive upgrading
- Emission reduction of toxic substances and strengthening of control against chemical substances
  - \* Complete elimination of the use of chlorinated organic compounds
- Reduction of industrial wastes
  - \* 40 % reduction over fiscal 1995
  - \* Launching actions toward Zero Emission
- Promotion of energy conservation activities
  - \* Annual reduction of 1 % in energy intensity per unit product (EIPUP) based on formulation of mid- to long-range energy conservation plan
- Enrichment of environmental education, promotion of information disclosure and participation in communal activities
- Promotion of development of products with reduced environmental impact

## Acquisition of ISO14001 Certification

In fiscal 2001 the Shinagawa and Nikko Works (Kiyotaki District) acquired the ISO14001 certification for Environmental Management System. For fiscal 2002, the Fukui, Yokohama R&D Laboratories, Oyama, Shiga and Nikko (Sheet Plant) Works are building up the system to acquire the certification, thereby completing the certification acquisition by all the twelve Works and Laboratories.

With respect to the affiliated companies, 13 companies have acquired the certification concerning 18 items, followed by many others that are building up the system.

Year	Works / Laboratories	Agency	Certificate No.
FY 1998	Chiba	DNV	EMSC-1208
	Mie	JACO	EC98J1097
FY 2000	Hiratsuka	DNV	EMSC-1699
	Kambara	JSA	JSAE315
	Osaka	DNV	EMSC-1114
FY 2001	Shinagawa	DNV	00372-2001-AE-KOB-RvA
	Nikko (Kiyotaki District)	DNV	1851-2002-AE-KOB-RvA/JAB
FY 2002	Fukui		
	Yokohama R&D Laboratories		
	Oyama		
	Shiga		
	Nikko (Sheet Plant)		

## Company-Wide Environmental Monitoring

Within the framework of company-wide Environmental Management System, the in-house supervision of all the Works with regard to the achievements in the environment preservation activities and the progress of addressing environmental tasks was carried out twice by the Safety, Environment and Health Promotion Department.

As the results of the supervision, the risk evaluation of environmental tasks at each Works was organized to identify the tasks of large potential risk, and the Works concerned was urged to address avoiding such risks.

## Support for Environment Preservation Activities of Affiliated Companies

It is essential to promote environment preservation activities on an integral basis inclusive of affiliated companies. In accordance with such a view, the Liaison Meeting of Affiliated Companies was founded in June 2000 to be held twice a year. In the meeting, latest environmental regulations are confirmed, environmental activities among the affiliated companies are understood, information on environmental tasks are shared, and environmental technologies are introduced. In fiscal 2001 the meeting was held in August and March.

### Meeting held in August 2001, attended by 35 affiliated companies with 43 representatives

- \* Introduction of Furukawa Electric's environment preservation activities in 2001 and targets of each affiliated company.
- \* Case report on environmental activities: Four companies made a report on case studies, representing all the affiliated companies.
- \* Summary of laws recently issued: Law Concerning Special Measures against PCB, Fluorocarbons Recovery and Destruction Law, etc.

### Meeting held in March 2002, attended by 36 affiliated companies with 45 representatives

- \* Introduction of Furukawa Electric's environment preservation activities in 2001 together with targets and concepts for 2002.
- \* Initiatives among affiliated companies: PCB notification, Green purchasing, Acquisition of ISO14001 certification, Pollutant Release and Transfer Register Law (PRTR Law) and control of industrial wastes, etc.
- \* Case report on environmental activities among affiliated companies: Acquisition of Integrated Quality and Environment Certification.
- \* Summary of environmental laws: Law Concerning Special Measures against PCB, Fluorocarbons Recovery and Destruction Law, Additional wastewater regulation in the Water Pollution Control Law, Trends in the Law against Soil Pollution, COP 7, etc.