Environmental Management System

For the constant improvement of our environmental performance, we promote a Plan, Do, Check, and Action (PDCA) cycle for our environmental management system.

The Thinking behind Environmental Management

The Casio Group is conducting environmental conservation activities based on the Casio Voluntary Plan for the Environment (P11) and the Environmental Action Plan (P12) under its environmental conservation system shown in the right diagram.

The environmental conservation system is established by the Promotion Office and the Special Committees in charge of Plan in the PDCA cycle, divisions and companies in charge of Do, the Environmental Audit Organization in charge of Check, and by the Casio Environmental Conference engaged in Action. We will carry through the system to contribute to environmental conservation and to fulfill our corporate social responsibilities.

Casio's environmental conservation system

	Roles
Casio Environmental Conference	Deliberates on and decides the Casio Group's environmental policy and action plan Exchanges information with Special Committees and Implementation Organizations on the state of activities, environmental trends, etc.
Special Committees	Promotes strategic themes that the entire group works on together and comprises the following four Special Committees: • Packaging Committee • Green Procurement Committee • Eco-Product Development Committee • Environmental Accounting Committee
Implementation Organizations	Implement environmental conservation activities
Promotion Office	Plans the Casio Group's environmental policies, action plan, and conservation rules
	Provides information on domestic and overseas environmental trends
	Runs the Casio Environmental Conservation Committee
Environmental Audit Organization	Internally audits how well environmental conservation activities are being carried out

Environmental Education

We conduct environmental education and awareness activities making it possible to be constantly mindful of the environment. New employees are given general environmental education before being assigned. Also, through general and specialized education programs, general employees, managers, and those in charge of the environment are provided training suitable to their working responsibilities in order to improve their environmental awareness and knowledge.

General education gives all employees a thorough awareness of environmental issues and policies, objectives, targets, and the like, while specialized education gives intensive procedural training to employees whose tasks have a heavy environmental burden.

We also provide the latest information on environmental laws and regulations, ISO 14001-related matters, the Casio Voluntary Plan for the Environment, industry trends, and other environment-related items through organizing the Casio Environmental Conferences (twice yearly) and our in-house Web site. Through other activities, such as the inclusion of articles on environmental activities in our in-house monthly magazine, employees are encouraged to improve their environmental awareness and share relevant know-how.

Environmental Conservation Initiatives and Awards

At the Casio Environmental Conference, participants formulate the policies and targets for the Casio Group's environmental conservation activities and present progress reports in order to contribute to environmental conservation. For environmental conservation activities conducted in fiscal 2002, the following awards were granted for activities that achieved praiseworthy results:

Award	Target	Details	Frequency	Number of award winners
President's Prize	Casio Group	Award for excellent achievements and contributions made to the Group in course of business	Twice yearly	One winner for the contribution to IR activities, realizing a great leap to No. 19 in Nikkei's environmental management ranking
Techno Power Award for Excellent Papers	Casio Group	Award for business activities leading to excellent patents and advanced technologies	Once a year	One winner (incentive award) for the development of an eco-compatible design assessment tool
Award for Improvement Proposals	Production sites	Award for environmental conservation activities that have achieved results	Twice yearly	Two winners at Kofu Casio for the creation and introduction of PC power-off assistant software and for the production of a bench from waste materials
Eco Bonus Award	Kofu Casio	Award for participation in volunteer environmental activities	From time to time	Total number of winners: 26 persons

Chairman explaining policies at the Casio Environmental Conference

Glossary

Environmental management system
A set of environmental management measures and managerial resources, based on which companies incorporate environmental policies into management policies and implement such policies in a Plan, Do, Check, and Action (PDCA) cycle. Environmental management systems are represented by ISO 14001-certified systems.

ISO 14001
ISO 14001 is an international set of standards that set forth the requirements for a company to meet in the process of establishing an environmental management system. It covers such issues as the choice of targets for environmental impact reduction; environmental education for employees, and procedures for establishing an appropriate system.

Obtaining ISO 14001 Certification

The Casio Group has been promoting the establishment of ISO 14001-certified environmental management systems in order to achieve environmental management through the participation of all employees.

Our major production sites, both within and outside Japan, are already ISO 14001 certified and have transferred to the stage of continual improvements on the systems and their performance. Also in fiscal 2002, Casio Micronics obtained certification for the integrated environmental management systems of its head office in Ome and a site in Yamanashi.

From now on, we will encourage our domestic and overseas sites engaged in sales activities to acquire ISO 14001 certification, in order to establish a group-wide environmental management system.

ISO 14001-certified Sites

As of April 2003

Domestic Sites	When certified
Yamagata Casio Co., Ltd.	Nov. 1997
Kofu Casio Co., Ltd.	Jan. 1998
Kochi Casio Co., Ltd.	Mar. 1998
Casio Electronic Manufacturing Co., Ltd.	Sep. 1999
Casio Support System Co., Ltd.	Jan. 2000
Casio Micronics Co., Ltd.	Mar. 2000
Casio Computer Co., Ltd., Tokyo Product Control and Technical Center	Jun. 2000
Casio Computer Co., Ltd., Hamura Research & Development Center	Oct. 2000
Casio Computer Co., Ltd., Hachioji Laboratory	Oct. 2000
Casio Computer Co., Ltd., Head Office	Dec. 2000
Casio Soft Co., Ltd.	Dec. 2001
Casio Techno Co., Ltd.	May 2002

Overseas Sites	When certified
Casio Korea Co., Ltd.	Apr. 1998
Jiu Shui Keng Casio Electronics Factory	Sep. 1999
Casio Computer (Hong Kong) Ltd.	Dec. 1999
Casio Electronics (Zhuhai)	Sep. 2000
P.T. Asahi Electronics Indonesia	Feb. 2001
Casio (Thailand) Co., Ltd.	Sep. 2001
Casio Taiwan Ltd.	Dec. 2001
Casio Electronics (Shenzhen) Co., Ltd.	Feb. 2002
Casio Electronics (Zhongshan) Co., Ltd.	Apr. 2002

Risk Management

The Casio Group, in addition to the implementation of ISO 14001-certified environmental management systems at its domestic companies and at its major domestic and overseas sites, have established risk management systems and promoted the prevention of environmental pollutions through such measures as providing training for emergency responses and conducting activities to reduce the use of hazardous substances.

For example, Kochi Casio has implemented measures to prevent the permeation of chemicals into the soil, including the use of double pipes for the supply of chemicals and coating of the space below the pipes laid underground with waterproof cement. Also, in installing supply tanks and others equipment, the company has prepared a wall to prevent leakage and annually provides training for employees to appropriately respond to any possible leakage.

● Compliance with environmental laws and regulations

In fiscal 2002, in relation to the environment, none of the Casio Group's companies and sites violated any laws or regulations, paid fines or penalties, received complaints, or suffered accidents and lawsuits.

FY	1998	1999	2000	2001	2002
Number of cases	0	0	0	0	0
Monetary amount	0	0	0	0	0

● PCB-containing equipment in storage

In the entire Casio Group, we store, under strict control, a total of 19 capacitors and 258 small ballasts fluorescent lamp that contain PCBs. Presently we are making examinations to formulate optimal detoxification plans.

● Soil pollution

According to the results of soil pollution surveys conducted based on the Soil Contamination Countermeasures Law and the Tokyo metropolitan government's Ordinance on Environmental Preservation, no hazardous substances exceeding the standard values were detected at any of our sites.

● Underground water

We conduct an annual survey of underground water. No hazardous substances exceeding the standard values have been detected thus far.

● PRTR

To comply with the PRTR Law, each of our sites prepares a compliance manual, identifies the release and transfer amount of relevant substances, and submits reports. (P29)

● Hazardous air pollutants

The Casio Group uses none of the 13 substances* specified for control in the guidelines established in October 1996 by the Ministry of Economy, Trade and Industry.

*The 13 substances: acrylonitrile, acetaldehyde, vinyl chloride monomer, chloroform, 1,3-dichloroethane, dichloromethane, tetrachloroethylene, trichloroethylene, 1,3-butadiene, benzene, formaldehyde, nickel subsulfide, nickel sulfate

● CFC substitutes

The Casio Group discontinued the use of CFC substitutes in fiscal 2001, but its subcontractor factories are still using HCFC-141b. We plan to discontinue its use by the end of fiscal 2004.

Glossary

PCB
Polychlorinated biphenyls (PCBs) were used as electrical insulators, insulating oil for capacitors, and as a heating medium for transformers. They can also act as environmental hormones or endocrine disruptors.

PRTR
PRTR stands for pollutant release and transfer register. Under the PRTR system, the national government tabulates and announces data on the transfer of chemical substances that might be harmful to human health and the ecosystem and their release into the air, water, and soil based on reports submitted by companies.