

Environmental Management

Casio has been promoting improvements through PDCA cycles under the Casio Environmental Conservation Committee System.

System of Promotion

The Casio Group has the Casio Environmental Conservation Committee System, which is chaired by the vice president and consists of five specialized committees and five implementation organizations. The Committee oversees environmental activities of Casio Computer Co., Ltd. and its Group companies. Under this system, Casio has been promoting environmental management by implementing continuous improvement of all of its environmental conservation activities through the Plan, Do, Check and Act cycle, based on the Casio Voluntary Plan for the Environment and the Casio's Environmental Action Plan.

Specifically, the Promotion Office and five special committees take charge of the Plan part, the five implementation organizations handle the Do part, whereas the environmental Audit Organization and the Promotion Office perform Checks, and the Casio Environmental Conference takes responsibility over Act part in the organization that is shown in the following diagram:

Functions and Overview of Individual Organizations

Casio Environmental Conference

- Makes decisions on the direction of Casio Group's environmental policies, and establishes action plans and targets.
- Examines the environmental policies of the implementation and specialized committees and reports their activities.

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- Exchanges information about future environmental trends and among implementation organizations.

Specialized Committees

- Each specialized committee consists of dedicated committee members who control strategic themes that should be tackled not by implementation groups alone but jointly by Group companies and divisions. Each committee chairman is appointed by the Chairman of the Casio Environmental Conservation Committee.
- Each theme-based specialized committee is made up of the specialized committee chairman and implementation committee members who are appointed by implementation organization committee chairmen. The Promotion Office manages these committees.

Implementation Organizations

- Promote environmental improvement activities in response to decisions made by the Casio Environmental Conference.
- Construct an environmental management system for the entire Implementation Organizations.
- Clearly establish the system and responsibilities for the implementation of the environmental management system. Define objectives and targets, control the operation of the system, conduct self-audits and take remedial action.

Promotion Office

- Plans the direction of the Casio Group's environmental policies, its action targets and plans.

- Controls the implementation of the Casio Voluntary Plan for the Environment and revises the environmental management guidelines.

- Grasps environmental trends in Japan and abroad and forwards information to the Implementation Organizations, etc.

- Manages the Casio Environmental Conservation Committee and the theme-based Specialized Committees.

Environmental Audit Organization

- Consists of internal auditors of the Promotion Office and those of the Implementation Organizations. Conducts environmental performance research in the Implementation Organizations and environmental self-audits in manufacturing sites to improve the Group-wide environmental management.

ISO14001 Certification Status

Of Casio's major manufacturing sites, 12 domestic sites and 9 overseas sites have been ISO14001 certified. 15 Of these 21 sites have already completed a renewal review. Activities from this point onward will shift to continuous improvement of systems and performance.

Casio will also expand the acquisition of the certification to sales sites so as to build a system of environmental conservation for the entire Casio Group.

As of fiscal 2004, the certified business sites represented 78.2% of all employees.

ISO14001 Certified Manufacturing Sites

	Site Name	Date of Certification
Domestic	Yamagata Casio Co., Ltd.	November 1997
	Kofu Casio Co., Ltd.	January 1998
	Kochi Casio Co., Ltd.	March 1998
	Casio Electronic Manufacturing Co., Ltd.	September 1999
	Casio Support System Co., Ltd.	January 2000
	Casio Micronics Co., Ltd.	March 2000
	Hamura Research and Development Center of Casio Computer Co., Ltd.	October 2000
	Hachioji Research and Development Center of Casio Computer Co., Ltd.	October 2000
	Head Office of Casio Computer Co., Ltd.	December 2000
	Casio Soft Co., Ltd.	December 2001
	Casio Techno Co., Ltd.	May 2002
	Casio Hitachi Mobile Communications Co., Ltd.	June 2004
Overseas	Casio Korea Co., Ltd.	April 1998
	Jiu Shui Keng Casio Electronics Factory	September 1999
	Casio Computer (Hong Kong) Ltd.	December 1999
	Casio Electronics (Zhuhai) Co., Ltd.	September 2000
	P.T. Asahi Electronics Indonesia	February 2001
	Casio (Thailand) Co., Ltd.	September 2001
	Casio Taiwan Ltd.	December 2001
	Casio Electronics (Shenzhen) Co., Ltd.	February 2002
	Casio Electronics (Zhongshan) Co., Ltd.	April 2002

Environmental Audits

Casio conducts internal and external audits in compliance with the environmental management system ISO14001 once every three years for continuous improvement. In addition, Casio conducts "Environmental self-audits system" annually in accordance with its own standards to supplement the triennial audits. The results have manifested themselves in the form of zero emissions at seven manufacturing sites. Casio also conducts product eco-designs assessment simultaneously with product development. Green Products account for 59% of all products currently. By fiscal 2007, the percentage is expected to rise to 70%.

Environmental self-audits system

In addition to the internal and external audits mandated by ISO14001, Casio conducts Environmental self-audits system annually at all domestic sites, starting in April 2004.

For these audits, Casio independently selects audit items and performs audits even at sites that have not yet been ISO14001 certified. These audits are positioned to augment the internal and external audits.

For each audit, the "Procedures for an environmental self-audits system" and the "Check

list of environmental self-audits system" are prepared, and the audit is carried out in the six genres that are based on the Casio Voluntary Plan for the Environment. The six genres are: 1) environmental management system, information disclosure and social contribution; 2) energy conservation, resource savings, resource recycling and prevention of ozone layer destruction; 3) reuse of waste, recycling and reduction of landfill waste; 4) toxic substance reduction, optimal control; 5)water, air and soil pollution countermeasures; and 6) distribution and environmental accounting.

Casio sets the direction for its future measures by gaining clear understanding of current situations in each of the genre, based on the results of these audits.

Environmental Education and Awards

Casio promotes environmental education and awareness-raising activities so that every employee can be mindful of the environment on a daily basis.

New employees are first given general education about environment before they are assigned to their posts. In addition, general employees, managers and those who are responsible for the environment are provided with general and specialized education once a year depending on their responsibilities and their job ranks. By taking these steps, Casio endeavors to raise employees' awareness and their knowledge level about the environment.

In addition, Casio runs a program of suggestions for improvement at each manufacturing site, and gives awards twice a year to individuals or groups who submit excellent suggestions. Additionally, two manufacturing sites have their own award systems. Furthermore, Casio has various other award programs to encourage employees' commitment to conserve the environment. Included among these awards are the Eco Bonus Award (awarded on an as needed basis), President's Award (given twice a year), and the commendation program for compliance with the Workplace Action Guidelines (given twice a year).

Environmental Risk Management

Casio regards any accident that can lead to soil, water or air pollution that negatively affects the human bodies and biodiversity to be an environmental risk. A risk management system is established at each manufacturing site, and the Emergency Response Rules are established for the equipment and chemicals used. Furthermore, site-specific Emergency Response Rules are created at each manufacturing site and a drill is conducted annually by assuming an emergency situation.

Status of Compliance with Regulations Concerning the Environment

As the following table shows, Casio had no environment-related violations of laws or regulations, penalties, fines, complaints or lawsuit over the past five years.

Violation of Regulations, Etc. over the Past Five Years

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004
Number of cases	0	0	0	0	0
Monetary value	0	0	0	0	0

Example of Efforts

Emergency Drill at Kochi Casio

In September 2004, Kochi Casio executed an annual test and a drill about emergency situations and accidents. The drill was organized by the Environmental Conservation Section of the Environmental Conservation Department. This year's scenario was that a chemical fluid leakage occurred inside an etching supply system in the chemical supply room. Between 3 and 11 employees took part at a time over a period of six days and received explanations about protective gear, the supply system, treatment methods and chemical soaked clothing.



A Training Scene

Management System of the Casio Environmental Conservation Committee

