

Relationship with Environment

Takeda's Major Environmental Protection Policies and Achievements in Fiscal 2008

◎: Excellent ○: Good

Theme	Policies	Fiscal 2008 Achievements	Assessment
Fundamental measures involving environmental issues	Establish framework for legal compliance and comply with internal standards	Maintained a legal compliance framework by using periodic environmental monitoring based on internal standards, which are more stringent than those of laws and regulations	○
Conserve energy and reduce greenhouse gas emissions	Achieve 40% reduction in CO ₂ emissions by FY2010 compared to FY2005	FY2008 CO ₂ emissions of 231,000 tons were 35% less than in FY2005	○
Reduce amount of waste materials	Achieve 30% reduction in waste for final disposal by FY2010 compared to FY2004	Through the zero-emission activities, FY2008 waste for final disposal amounted to 74 tons, 75% less than in FY2004	◎
	Fulfill responsibilities as a generator of waste by confirming the proper treatment of waste at waste disposal contractors	Visited 19 waste disposal contractors to confirm the proper treatment of waste	○
Manage chemical substances properly and reduce amount released into the environment	Achieve 50% reduction in chemical substances released by FY2010 compared to FY2005	PRTR (Pollutant Release and Transfer Register) chemical substances released in FY2008 amounted to 27 tons, 40% less than in FY2005	○
	Determine environmental risks of specific chemicals and reduce these risks	Initial risk assessments were performed, confirming that no manufacturing plant releases chemical substances that significantly affect the environment	○
Conduct educational programs and awareness campaigns	Reinforce the understanding and awareness of environmental issues among all employees	Increased employees' commitment to the environment by using the employee newsletter and company intranet as well as by conducting the Kid's Eco Contest, participating in the Light-Down Campaign (turning off light at the same time in all buildings on a specific day), and taking other actions	○
	Conduct educational activities for environmental compliance	Conducted compliance education programs that included the use of the company intranet and compliance status checklists	○
Community activities	Assist in protecting and improving regional environments by maintaining close communications with local governments and community residents	Collected information from residents near plants designated as "Environmental Monitors" to confirm that there are no problems. There were three noise complaints; all were addressed promptly and preventive measures were taken	○

 Data collection: Osaka Plant, Hikari Plant, Tsukuba Research Center (in terms of CO₂ emissions, Osaka Head Office and Tokyo Head Office are included.)

Takeda's Major Accident Prevention Policies and Achievements in Fiscal 2008

Theme	Policies	Fiscal 2008 Achievements	Assessment
Improve accident prevention measures	Comply with laws and regulations concerning accident prevention and upgrade the system for managing it	Upgraded the system for managing accident prevention by reexamining rules and guidelines, reinforcing awareness in all departments, using educational programs, and taking other actions	○
	Prevent accidents by using the Manual for Non-Standard Operations, such as facility maintenance, trouble shooting, changeover productions and test trials, and the Accident Prevention Manual	Improved accident prevention measures by reexamining the Manual for Non-Standard Operations and the Accident Prevention Manual to make revisions and establish new rules as necessary	○
	Conduct periodic inspections and maintenance for facilities and pipes, planned replacements of aging facilities and measures to ensure the safety of unused facilities	Inspected aging and unused facilities, performed replacements as planned and implemented safety measures	○
Reinforce accident prevention measures	Prevent accidents through rigorous static electricity prevention measures and safety checks	Worked on preventing accidents caused by static electricity by confirming the effectiveness of measures through the periodic monitoring of grounding resistance, leakage resistance and the electric potential of charged equipment	○
	Eliminate risks associated with flammable substances and rigorously confirm safety	Improved accident prevention by performing periodic inspections of nitrogen-seal equipment and facilities to confirm the effectiveness of accident-prevention measures	○
	Improve measures for dealing with earthquakes at major facilities and buildings to prevent widespread damage following an earthquake	Rigorously implemented measures to prevent objects from falling over during an earthquake, evaluated the earthquake resistance of major facilities, and undertook planned construction to improve earthquake resistance	○
Improve education and training for accident prevention	Upgrade accident prevention skills and methods through education and drills reflecting the characteristics of each business site and plant, and pass on this knowledge to younger workers in a well-planned manner	Used the Manual for Non-Standard Operations and the Accident Prevention Manual to perform training and drills based on a plan and pass on knowledge to younger workers	○
	Offer guidance to on-site partner companies to help them conduct thorough accident prevention training programs	Conducted accident prevention and safety training programs for all on-site partner companies to prevent any incidents occurring	○

Takeda Group's Standard for Environmental Protection and Accident Prevention at Work

Takeda institutes the "Takeda Group's Standard for Environmental Protection and Accident Prevention at Work" as a uniform criterion when implementing environmental protection and accident prevention operations at worldwide group production and research sites. The standard supplements the requirements of ISO 14001 certification—a globally accredited standard for environmental management system—by stipulating more detailed operating criteria, including standards for managing accident prevention. Environmental Protection and Accident

Prevention Audit verifies compliance with the standard.

All production sites in Japan are currently ISO 14001 certified.

Responsible Care Activities

Responsible Care is an international voluntary program dealing with the management of chemical substances by businesses, and its activities now extend to 53 countries. The purpose of the program is to ensure consideration for the environment, safety and health while handling chemical substances. Takeda has been implementing such activities since 1995, when the Japan Responsible Care Council was launched.

