

EHS Management

Environment, Health, and Safety (EHS) activities are always a top priority for the TEL Group.

Basic Idea behind EHS Activities

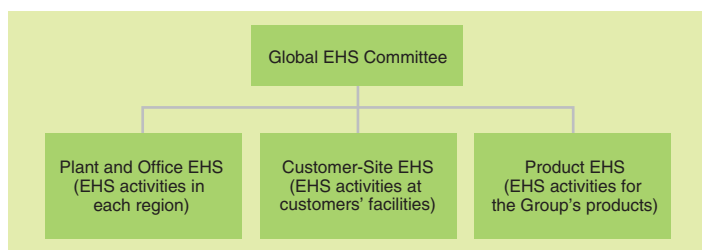
The Tokyo Electron Group views caring for people's health and safety and the global environment as top business priorities. We are therefore committed to being a company capable of earning the trust of all involved in our business operations. We also believe that EHS activities will lead to long-term benefits for the entire Group. As a responsible member of society, we strive to help develop a more affluent society through our EHS activities.

EHS Promotion System

We are building an EHS promotion system in order to foster EHS activities throughout the entire TEL Group.

Our EHS activities are conducted with respect to three core elements: Product EHS, related to products; Customer-Site EHS, related to operations for product delivery and design; and Plant and Office EHS, related to our plants and offices. The TEL Group companies, and TEL's manufacturing subsidiaries in particular, began developing and implementing environmental management systems based on ISO 14001 in 1997 and obtained ISO 14001 certification.

■ TEL Group's EHS Promotion System



■ ISO 14001-Certified Plants and Offices

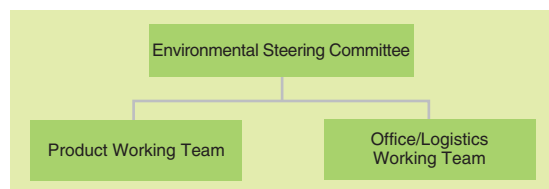
Company name	Plant/Office name	Certification date	Certification number
Tokyo Electron PS Ltd./Tokyo Electron AT Ltd.	Sagami Plant	December 10, 1997	1110-1997-AE-KOB-RvA Rev.1
Tokyo Electron Tohoku Ltd.	Tohoku Plant	February 19, 1998	1118-1998-AE-KOB-RvA
Tokyo Electron Kyushu Ltd.	Kumamoto/Koshi/Ozu/Saga Plants	March 26, 1998	1120-1998-AE-KOB-RvA
Tokyo Electron AT Ltd.	Yamanashi Plant (Fuji/Hosaka area)	May 15, 1998	1124-1998-AE-KOB-RvA
	Miyagi Plant	March 1, 2005	01245-2005-AE-KOB-RvA
Tokyo Electron Device Ltd.	Yokohama Office	July 14, 2004	EC04J0144

Environmental Steering Committee

Recognizing the increasing necessity of addressing global warming and climate change, we established the Environmental Steering Committee in October 2007 to intensify and accelerate our green efforts. This highest-level internal organization on environmental activities is comprised of the executive officer in charge of development as well as members from the corporate marketing, corporate strategic planning and corporate communications divisions.

The Environmental Steering Committee is comprised of two working teams: the Product Working Team, which examines the Group's products; and the Office/Logistics Working Team, which examines its offices and plants and distribution practices. Under the slogan of "Technology for Eco Life," the committee is promoting various activities designed to advance TEL's environment-related commitments throughout the entire TEL Group. In FY2009, the committee formulated standards and roadmaps for achieving those commitments.

■ Environmental Steering Committee



EHS Activities Monitoring System

In order to increase the effectiveness of our EHS management system, we continually increase the level of auditing that verifies the system functions and results. Auditing is performed from multiple viewpoints, within plants and offices, within the Group, or by third parties. We are focusing in particular on the Tokyo Electron Group Internal Audit, a program of mutual EHS evaluations by representatives of each plant or office, which was instituted in FY2003. In FY2007, in response to the increasing need to manage chemical substances contained in products across the entire supply chain, and in compliance with the revised Japanese Industrial Safety and Health Act, we added new audit items to ensure that EHS was implemented appropriately in cooperation with our suppliers and partner companies. (The revised law requires the enhancement of safety instructions and messages provided by a primary employer* to the related contractors.) Under this expanded scope, we will continue to monitor our EHS management system and check our EHS activities in an even stricter manner.

* Primary employer: According to the revised Industrial Safety and Health Act, a "primary employer" is a primary company that arranges for the employees of its contractors to carry out a part of the company's work at a single location in cooperation with the company's own employees.

EHS Risk Management System

At manufacturing subsidiaries of TEL, environmental and safety risks are estimated based on ISO 14001, OHSAS 18001, and OSHMS (in accordance with the guidelines of the Ministry of Health, Labor and Welfare of Japan). These subsidiaries are implementing measures to first eliminate the highest risks, while are also endeavoring to reduce some risks that they are not legally required to reduce. With regard to the environment, we believe that it is essential to implement measures that help prevent global warming.

The TEL Group operates in strict compliance with the law. We closely keep track of new environmental laws and emissions regulations; and for some substances we have enacted our own voluntary requirements. In FY2009, we were not involved in any environmental accidents, violations, fines or complaints; nor were we subject to any legal actions with regard to any such incidents.

EHS Training

The TEL Group offers EHS training based on the policy of the “necessary training for the necessary people.” Training courses are grouped by rank and are open both to Group employees and to employees of partner companies who work at the Group’s facilities.

The curriculum for newly hired employees also includes an EHS training program as a required subject.

EHS Seminars for Customers

Tokyo Electron Taiwan Ltd. (TET) held its 5th EHS seminar for customers at the Science Park Life Hub, located inside the Hsinchu Science Park in Taiwan. The seminar focused on the environment, providing an overview of the TEL Group’s EHS activities and the environmental measures that have been implemented in various systems, as well as offering hands-on safety training using virtual-reality images. Feedback from seminar participants included comments that “the seminar made it easier to understand Tokyo Electron’s environmental initiatives” and “the virtual-reality training was very effective.”



EHS seminar in Taiwan

Goals and Results for EHS Activities in FY2009

	Action item	Goals for FY2009	Results for FY2009	Achievement level	Plans and goals for FY2010 onward	Related pages
EHS Management	EHS internal audit	Perform EHS internal audit at plants and offices across the supply chain	Conducted an audit at one site with an additional supply chain-related audit item and made corrections based on the findings	○	Continue to conduct audits	pp. 12–13
Product-related initiatives for the environment	Energy-saving equipment	Achieve the TEL Roadmap* targets, formulate standards for achieving the Technology for Eco Life commitments, and promote the necessary activities	Achieved progress in formulating standards for realizing the Technology for Eco Life commitments	○	Clarify in detail the standards for realizing the Technology for Eco Life commitments; and promote the necessary activities	pp. 16–17
			Encouraged application to existing equipment	○		
	Measures to reduce the use of regulated chemical substances in equipment	Achieve the TEL Roadmap* targets (compliance and support in preparation for shipment beginning in October 2008)	Began shipments in October 2008.	○	Increase the number of products in compliance; continue to examine regulations and implement measures for compliance	p. 18
Logistics initiatives for the environment	Measures to reduce the burden on the environment in the area of logistics	Formulate standards for realizing the Technology for Eco Life commitments; and promote the necessary activities	Clarified the achievement standards and ran a simulation for goal achievement; accurately assessed the logistics volume in Japan and promoted modal shift; began proposing a modal shift to customers for overseas exports	○	Promote modal shift in Japan and overseas in order to achieve the Technology for Eco Life commitments; improve packaging methods	p. 19
Environmental activities at each plant or office	Conserving energy	Reduce energy consumption (1% decrease in CO ₂ emissions per unit of sales, as based on the Act Concerning the Rational Use of Energy)	Electricity usage declined by 7.6%, but the total CO ₂ emissions increased by 2.6% and emissions per unit of sales also deteriorated, partly due to a worsening electricity coefficient	×	Clarify the roadmap for achieving the Technology for Eco Life commitments, along with the details to be implemented, and implement them	p. 20
		Formulate standards for realizing the Technology for Eco Life commitments; and promote the necessary activities	Clarified the achievement standards and began considering the introduction of more energy efficient equipment	○		
	Waste reduction	Continue zero emission efforts at manufacturing plants	Achieved zero emissions at manufacturing plants. The recycling rate of the entire Group was as high as that of the previous fiscal year	○	Continue zero emission efforts and examine reduction in the total amount of waste	p. 22
Health and safety	Reduction in the number of accidents involving injuries or fatalities	30% year-on-year reduction in the number of accidents involving injuries or fatalities	The number of accidents involving injuries or fatalities was reduced year-on-year by 18%, falling short of the target	×	Target a 30% reduction of accidents involving injuries or fatalities in FY2010, compared to the FY2009 level	pp. 24–25

* TEL Roadmap: Environmental policies and plans for the Group’s products; ○ Achieved target; △ Achieved 80% of target; × Achieved less than 80% of target; – Item for which no goal was set