

EHS Activity Goals and Results

The Tokyo Electron Group has set goals for EHS activities and is promoting those activities throughout the Group.

Goals and Results for EHS Activities in FY 2007

	Action item	Goals for FY 2007	Results	Achievement level	Plans and goals for FY 2008 onward	Page in report
EHS management	EHS internal Audit	Perform EHS internal audit at plants and offices across the supply chain	Conducted an audit at one site adding a supply chain-related audit item and made corrections based on the findings.	○	Continue to conduct audits	P. 17
Product initiatives for the environment	Energy-saving equipment	Achieve the TEL Roadmap* indicators	Encouraged application to existing equipment 300 mm products: Achieved the FY 2008 targets for two products out of six earlier than planned	△ ○	Achieve the FY 2008 and FY 2011 goals	P. 20-21
	Measures to reduce the use of regulated chemical substances in equipment	Clarify the targeted chemical substances and the policies	Determined the schedule for totally discontinuing the use of six substances designated under the RoHS Directive	○	Achieve the TEL Roadmap indicators	P. 22
Environmental activities at each plant or office	Saving 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)	Achieved the goal by decreasing CO ₂ emissions per unit of sales by approx. 17% from the FY 2006 level Identified the transportation amount as a shipper	○	Continue to reduce energy consumption, more accurately identify the energy used for transportation, and examine and promote modal shift	P. 26
	Waste reduction	Continue zero emission efforts at manufacturing plants	Achieved zero emissions at all manufacturing plants except one 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. 28
	Proper management of chemical substances	—	Identified the use and emissions (into the air, water, etc.) of chemical substances regulated under the PRTR system	—	Continue to obtain data	P. 29
Health and safety	Reduction in the number of injury accidents	Reduce the number of accidents requiring four or more days off work to zero and reduce other injury accidents by 30% from the level of the previous fiscal year	The number and rate of accidents requiring four or more days off decreased from the FY 2006 levels but the total number of injury accidents increased by approx. 20%.	×	Continue to pursue the goal concerning injury accidents for FY 2007 and reduce the number of ergonomically caused accidents by 25% from FY 2007	P. 30

* 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



Haruo Iwatsu

Executive Vice President and General Manager,
Development & Manufacturing

“We cannot achieve reform simply by making daily improvements—We will implement energy saving measures setting even higher, innovative targets.”

We are now developing our range of next-generation semiconductor production equipment and in FY 2008, we will have a nearly full lineup of next-generation equipment. I have been encouraging employees to develop innovative equipment by setting high targets apart from our daily improvement targets under the slogan of “reform manufacturing with visionary next-generation equipment.”

We have been committed to reducing the energy consumed by our equipment, and for our next-generation equipment, we must dramatically increase their environmental performance. We are thus endeavoring to make semiconductor production equipment that saves even more energy, but I believe it is also important to improve the yield of semiconductors manufactured using the equipment. Although it seems that there is no relationship between yield and environmental performance, an increase in the yield will lead to the elimination of wasteful operations in the semiconductor manufacturing process, resulting in improvements in the overall efficiency of the process.

Our customers are now attributing more importance to environment-conscious products that save energy and resources than before, and it is now regarded as a matter of course for our departments to look at environmental efficiency as early as at the product development stage. We have established a corporate culture in which employees naturally take environmental matters into considerations without being told to set environmental targets.

Also at our manufacturing sites, we make efforts to protect the environment. For example, we are now planning to build a new plant in Taiwa-cho, Miyagi Prefecture and are examining a design for a plant that harmonizes with nature, because we want to keep the local natural environment intact as far as possible.

In FY 2007, the Tokyo Electron Group was able to achieve substantial growth and achieved the greatest ever business results far exceeding the past peak records. Under these circumstances, however, employees tend to work overtime to meet deadlines. However, I think that employees cannot work creatively if they routinely have to work longer hours. I therefore encourage employees to try to make it a habit to finish their work as early as possible so that they do not have to work overtime.