

# EHS Activity Targets and Results

TEL has set targets based on our Credo and Principles on the Environment, Safety and Health and is acting on them.

TEL laid out our Credo and Principles on Environmental Preservation and Credo and Principles on Health and Safety in 1998 in order to clarify our view on the environment, health and safety. Based on these

credos and principles, EHS activities are put into practice throughout the group. The plans and the achievements for FY 2004 and the plans and the objectives for FY 2005 onward are displayed in the table below.

## EHS Activity Targets and Achievements in FY 2004

	Activity Plan for FY 2004	Results	Evaluation	Plans and Targets for FY 2005 Onward	See
Eco-products	Implementation of LCA (Life Cycle Assessment)	Implementation for newly-developed products	○	Continue execution	P16
	Promote the introduction of lead-free solder in our products	Initiated promotional organization and started activities	○	Started the single unit evaluation for lead-free solder components and the main circuit boards	P18
	Promote green procurement	Undertook supplier education	○	Determine the amount of prohibited chemical substances in TEL products	P19
Eco-factory	Promotion of zero-emissions	Accomplished at four Kyushu region plants, recycling rate for the entire group raised to 93 percent	○	Achieve zero-emissions by FY 2006 at the remaining manufacturing plants, and bring the overall recycling rate above 95 percent by FY 2006	P20
	Reduced energy consumption (CO <sub>2</sub> emissions by one percent per unit of sales, based on the Law Concerning the Rational Use of Energy)	As a result of the energy conservation activities in each region, we logged a 13 percent reduction from the previous fiscal year per unit of sales	○	Further promotion of energy conservation and bring per unit usage close to FY 1998 levels	P21
	Continue efforts to determine the amount of chemicals used that are subject to PRTR reporting	Determined amount of relevant substances used	○	Determine sites of emissions, usage reduction	P23
Occupational Health and Safety	Zero accidents that require employees to take off moretime off more than four days, and a 30 percent reduction in accidental injuries year-on-year.	Accidents that required employees to take the time off for more than four days occurred, and accidental injuries were reduced by 25 percent from the previous year.	△	Re-establish FY 2005 targets	P24
EHS Management System	Continue execution of environmental activities at offices facilities	Activities are ongoing	○	Obtain ISO14001 certification for Tokyo Electron Device Ltd.	P10
	Introduce occupational health and safety management systems at production facilities	Promoted risk assessment at plants where these have not yet been introduced	○	Definitive execution and confirmation of risk reduction plans	P10
	Establish EHS assessment system	Trained assessors and executed reciprocal assessments at two plants	○	Equipment EHS related items assessment, not only for the occupational safety, but also for environmental performance	P10
	Promotion of activities at overseas offices	Determined the activities of each region, and carried out EHS handbook education for the sales managers in some overseas regions	○	Review the implementation of environmental education, expand it to regions not yet carrying it out, and examine how to determine the status of education implementation, such as using the Internet.	P25

○ Achieved target    △ Achieved 80 % of target    × Achieved less than 80 % of target



**Satoshi Nakashima**

Manufacturing Division  
VP & General Manager  
Tokyo Electron Limited

look deeply into this issue. It is obvious that the abilities of the development engineers are one of the determining factors of the environmental and safety performance of equipment. We will pour our energy into human resources development to create employees who can select materials and design products while being conscious of the environment and safety measures.

### Considering environmental and safety factors from the design stage. The challenge is to build momentum and nurture this tendency.

TEL has until now clearly distinguished between the role of sales and engineers. However, the views and the knowledge regarding environmental burden and safety should be shared across these sectors so that activities can be based on the integrated knowledge and collective know-how of both those working in sales and those working at the factory.

From the perspective of reducing the environmental burden of the equipment TEL produces, it is important to

Designing the products while keeping in mind waste disposal and recycling has been a practice at consumer electronics makers for a long time. There is no question that we need to firmly embrace this mindset at TEL. It is fair to say that creating this kind of momentum is a key challenge for the Environment, Health and Safety Center.

Our future tasks include taking steps toward lead-free production processes and for employees to take it upon themselves to inspect and confirm the safety of equipment within factories once again with their own eyes.

#### My Eco-life

"I come from a family of farmers and enjoy agricultural work on my days off."

