Environmental, Safety, and Health Activities

Tokyo Electron positions environmental, safety and health activities as one of its most important management issues to achieve both sustained corporate growth and a sustainable society. The Group is committed to reducing the environmental impact of all its activities, and to ensuring absolute safety in the Company’s facilities and those of its customers.

### Environmental Activities

#### Tokyo Electron’s New Environment Vision

The Tokyo Electron Group has pursued activities at customers’ factories, as well as with the Group itself, with the aim of reducing environmental impacts by 50% over the baseline year of fiscal 2008 by the end of fiscal 2015. Because this goal was forecast to be achieved ahead of schedule, in September 2012, we established a new Environment Vision and set new environmental goals to expand our scope of activities by making our efforts more multicultural.

#### New Goals based on the New Environment Vision

With the adoption of the new Environment Vision, we have set new environmental goals in the four areas of products, plants and offices, procurement and logistics, and environmental management. In products, we are aiming to reduce the power consumption of major models of each business unit by 50% and promote the environmental compliance of products. In plants and offices, we aim to reduce energy and water consumption, and promote the recycling of waste.

In procurement and logistics, we are promoting green procurement and modal shifts. In environmental management, we will continue to obtain ISO 14001 certification for the Group's plants, implement environmental education, and begin activities to protect biodiversity, among other environmental activities.

#### Environmental Goals for Fiscal 2013

- **I. Products**
  - Reducing energy impact
    - Against the goal of reducing power consumption of the major models in each SPE business unit by 50% from the fiscal 2008 levels by the end of fiscal 2015, a 30% reduction in power consumption was achieved for all such models.
  - Product environmental compliance
    - In addition to activities to reduce the use of hazardous substances, Tokyo Electron continued to ensure compliance with environmental regulations.

- **II. Plants and Offices**
  - Reducing energy use by 1% on a per-unit basis from the fiscal 2013 level
  - Reducing water consumption
    - Maintain the fiscal 2012 level (Evaluate in a comprehensive manner based on a per-unit standard appropriate to the situation of each plant and office)
  - Recycling of waste
    - Maintain a recycling rate of 97% or more
    - Continue to achieve zero emissions
  - Green procurement
    - Continue to implement direct control over the use of chemical substances in equipment
    - Strengthen the linkage with suppliers' environmental management systems
  - Reducing environmental impact of logistics
    - Promote a modal shift
    - Continuous monitoring
  - Environmental management system
    - Continue to obtain ISO 14001 certification for the Group's plants
  - Environmental education
    - Implement throughout the Group
  - Environmental communication
    - Continue to publish and enhance Environmental and Social Reports
  - Biodiversity
    - Start activities from fiscal 2014 upon investigation and examination

### Single Wafer Cleaning System

#### Technology for Eco Life

- **Recycling of Pure Water**
  - Waste fluid flow paths are divided into recycling of pure water.

#### Results of the Fiscal 2013 Environmental Goals

The results of the first year under the new Environment Vision and environmental goals are as follows.

- **I. Products**
  - Reducing environmental impact
    - Against the goal of reducing power consumption of the major models in each SPE business unit by 50% from the fiscal 2008 levels by the end of fiscal 2015, a 30% reduction in power consumption was achieved for all such models.
  - Product environmental compliance
    - In addition to activities to reduce the use of hazardous substances, Tokyo Electron continued to ensure compliance with environmental regulations.

- **II. Plants and Offices**
  - Reducing energy use by 1% on a per-unit basis from the fiscal 2013 level
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Set by the six domestic plants and offices, the goals of five categories were achieved. The overall amount of water used was reduced by 6.4% from the previous year.

- **Recycling of waste**
  - Domestic plants and offices achieved the goal of recycling 97% or more of waste.

### Safety and Health Activities

Tokyo Electron gives top priority to the safety and health not only to our employees but also to our customers and partner companies and conducts various safety activities. The Company promotes safety and health in all of its operations, including designing products with an emphasis on safety and factories with consideration for the environment.

In fiscal 2013, Tokyo Electron reduced the number of workplace accidents by 20% compared with the previous year. Tokyo Electron also carried out activities in line with its important goal of preventing accidents that could lead to serious injuries. As a result, the number of such accidents was maintained at the same low level as fiscal 2012, half that of fiscal 2011. The Company tenaciously continued to implement accident prevention measures such as prior checks of clean rooms before installing equipment, on-site risk prediction activities, safety patrols, and safety education for workers based on accident case studies.

In 2013, Tokyo Electron will mark the 50th year of its founding. The Company will take this chance to once again return to the starting point of Group’s “Safety First” policy, working to foster safety culture, with the entire Company united in preventing workplace accidents and disasters.

For further details, see the “Tokyo Electron Environmental and Social Report 2013” (to be published in September 2013).

Tokyo Electron’s Environmental Activities
http://www.tel.com/environment/enviro/product/index.htm

Tokyo Electron’s Safety and Health Activities

Environmental and Social Report 2012

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**Table: Medium- to Long-term Goals**

<table>
<thead>
<tr>
<th>Action</th>
<th>Medium- to Long-term Goals</th>
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<tbody>
<tr>
<td>Reduction of energy impact</td>
<td>Reduce power consumption of major models of each SPE business unit by 50% from the fiscal 2008 levels by the end of fiscal 2015</td>
</tr>
<tr>
<td>Compatibility with Chinese RoHS</td>
<td>Continue to ensure product compatibility with the Chinese labeling standard</td>
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<tr>
<td>Compliance with environmental regulations of each country</td>
<td>Continue to ensure product compliance with the EU's Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) framework as well as with labeling requirements based on the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and battery regulations of each country</td>
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<tr>
<td>Voluntary standard based on the EU’s RoHS</td>
<td>Continue to ensure that major models of each SPE business unit contain 95.5% or more of parts that meet the EU's Registration of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)</td>
</tr>
<tr>
<td>Promotion of energy conservation</td>
<td>Reduce energy use by 1% on a per-unit basis from the fiscal 2013 level (Evaluate in a comprehensive manner based on a per-unit standard appropriate to the situation of each plant and office)</td>
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