

Environmental Activities of TEL Group Companies

Here we introduce the business activities of two TEL Group companies as well as their environmental targets and achievements.



Toshiaki Sunagawa
President and Representative Director

Tokyo Electron Device Limited

A New Operational Structure with ISO14001 Certification and the Best Aspects of EMS

The main business of Tokyo Electron Device Ltd. is stocking and selling semiconductor products, software, electronic components. Because of that, we do not impose a large direct burden on the environment in the way that factories do, but in recent years, we have received many requests to reduce the environmental burdens of the products we handle, and as a result we are strengthening our efforts in this area.

This is because more and more products are aimed particularly at the “digital consumer,” and the environmental awareness of our customers has increased. Thus, for products such as the semiconductors that our company handles, more attention is being given to the energy efficiency of products, whether or not they contain hazardous substances, and whether or not they are environmentally friendly.

We have taken these external factors to heart, and during the past year there has been a change in environmental awareness inside the company. Consideration of the environment is of course a part of office work, but we are starting initiatives to increase the environmental quality of products that we handle. In line with this, we are developing an environmental management system and planning to obtain ISO14001 certification for it by October 2004.

Our position differs somewhat from a component maker, but we are actively working to consider the environment in a variety of ways within the scope that is possible as a trading company.



Takashi Nakamura
President and Representative Director

Tokyo Electron Logistics Limited

New Initiatives to Reduce the Environmental Impact of Facilities Management and Logistics

Tokyo Electron Logistics Ltd. handles not only the logistics for TEL in Japan and overseas, but also a wide range of tasks, such as equipment installation and facilities management.

As a part of TEL’s initiatives on decreasing environmental burden, in the facilities management arena we installed equipment to handle concentrated hydrofluoric acid liquid waste in-house, eliminating the need to send it out for disposal as industrial waste. As examples of other initiatives to reduce electrical and water consumption at the factory, we are replacing heat pump air conditioning systems that consumed a large amount of electricity with more efficient “free cooling” systems that utilize outdoor temperatures.

In terms of logistics functions, we reduce the amount of cushioning materials needed in product packing. Because we handle a variety of products, the boxes and containers we use are large, and it is easier to control items that are of the same size. However, if we use many sizes, the handling costs rise, but if we use packing boxes of the right sizes to match the product dimensions, the amount of cushioning material needed would be reduced. We must find the correct mix between cost and environmentally conscious activities.

In addition, by using consolidated shipping and delivery, color coding and so on, we are boosting work efficiency and reducing the burden on the environment. We are also giving some thought to the future of packing for shipping overseas and testing a new logistics concept. This involves avoiding the use of wooden crates for shipping overseas, and loading the equipment on a truck and the truck on a ferry so the equipment can be delivered without reloading. We will be putting more effort into this new type of approach in the future.