

# Health and Safety

Health and safety are corporate social responsibilities and the basis for a comfortable work environment.

We are supporting Health and Safety in every aspect of our corporate activities by giving high priority to the health of our employees and customers, and ensuring the safety of our equipment.

## For the Safety of Everyone

Based on our view of the importance of Health and Safety, we have integrated these ideals into our management philosophy. TEL thinks that the good health and safety of our employees, customers and all the people involved in our corporate activities are one of our social responsibilities as a company and a policy that translates into good business. In other words, the safety of people, equipment and facilities must never be compromised by profits, delivery date deadlines or time limitations.

In addition, in order to convey our view on this topic to customers and a wide range of other stakeholders, we have printed a brochure, "Introducing Safety First Culture Awareness."



"Safety First" poster



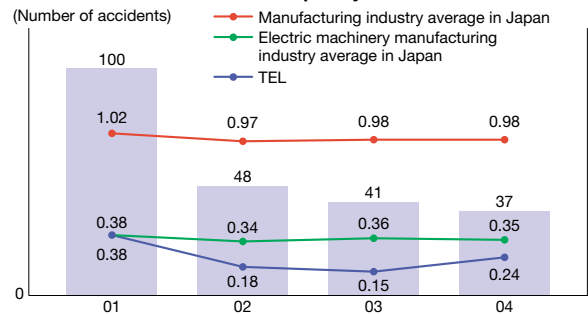
The "Introducing Safety First Culture Awareness"

## Handling of Accident Reports

Any accident involving TEL employees is reported to our headquarters. When the accident report is received, the seriousness of the incident is judged based on a set of criteria (human injury, fire/explosion, gas/chemical leak, degree of damage to the customer, etc.) Accidents with a strong element of urgency are reported to top management and TEL companies immediately.

The following graph indicates the frequency rate of accidents, not including first aid case accidents. It reveals a lower figure for the entire TEL than electric machinery manufacturing industry average in Japan.

### Number of Accident and Frequency Rate



\* Frequency rate: Number of occupational accidents per one million labor hours  
 Number of accidents that required the employee to miss work for more than 4 days/total labor hours x 1,000,000  
 \* Number of accident injuries in FY 2001 is considered to be 100

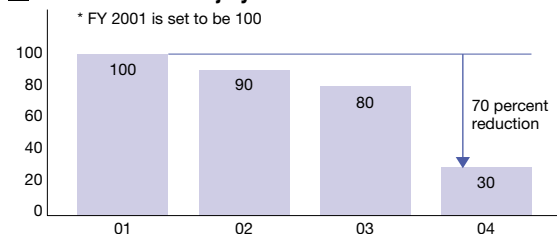
## TOPICS

### Requiring personal protective equipment (helmet and inner helmet, safety glasses and safety shoes)

In order to prevent accident injuries, it is important to formulate danger reduction strategies ahead of time through safe design of equipment and improved work procedures based on risk assessments. However, there are some cases where employees are exposed to unexpected dangers; namely those encountered by producing and installing large-sized new equipment in special areas such as clean rooms. In order to prevent accidents and minimize damage, TEL encourages wearing protection gear while working at TEL's manufacturing

plants as well as customer sites. Apart from the conventional helmet used for the head, an inner helmet is worn inside clean suits. We actively encourage safety/protection glasses be worn to protect the eyes and safety shoes for the clean room be worn to protecting the toes. As a result, the number of incidents of injury resulting in cuts to the head, or damage to the eyes or toes is decreasing.

### Incidents of Head Injury over the Past Four Years



Safety glasses



Safety shoes for clean rooms



Inner helmet

## Product Safety

### 1) Risk assessment

All of our products are tested prior to shipment using our own risk assessment criteria based on SEMI standards. At the time of the completion of the product, people including designers, equipment maintenance service specialists and others gather to identify the dangerous areas of and evaluate the risk of the product. There are many risk assessment methods, such as SEMI S10, EN-1050 and LACS, and we keep taking countermeasures and evaluating the equipment until it is deemed safe. We have recently started performing risk assessments at the design and development phase with the aim of building safe equipment.

#### SEMI S-10 Risk Ranking Matrix

Risk Ranking Matrix		Likely				
		Frequent A	Likely B	Possible C	Rare D	Unlikely E
Severity	Catastrophic 1					
	Severe 2					
	Moderate 3					
	Minor 4					

Risk Assessment Categories (RAC)

5  Very High 4  High 3  Medium 2  Low 1  Very Low

### 2) Compliance (SEMI S2 & CE Marking)

In order to secure the safety of the equipment we sell, TEL has adopted the SEMI S2 standard, a semiconductor industry safety standard, for producing our equipment. Furthermore, to demonstrate our level of safety, TEL has third parties perform inspections and certifications for SEMI S2 standards. For exports to European regions, we declare that we are in compliance with the CE Marking European safety standards outlined in EU directives and apply a CE Mark on our products prior to shipping. This compliance declaration can only be executed when it is reviewed and approved by the CE Marking review team, our in-house auditing body.



Equipment CE Mark seal



CE Mark approved equipment

## TOPICS

### Product EHS Training for Sales Representatives

TEL has distributed and publishes the "Product EHS Handbook for Sales People," which summarizes product EHS knowledge relevant to equipment for sales representatives. Basic knowledge about EHS for existing equipment is essential for sales representatives to be able to discuss EHS specification needs with plants in order for new equipment to be developed. We have also executed training for all sales representatives so that they can effectively use this handbook. The actual contents of the training book includes compliance and industry required items, explanations for product EHS requested by



Cover page of Product EHS Handbook

customers, RFQ (Request for Quotation) handling, understanding of product EHS for sales representatives and providing feedback on product EHS design.



Sales representative training