

# Making the Workplace Safe and Comfortable

The plants and major manufacturing group companies in Japan have taken the initiative in practicing safety activities. However, as the business is becoming global, a number of manufacturing subsidiaries outside Japan are increasing; therefore, such safety activities need to be global as well. The first step to realize the globalization is to share information. Under this principle, we expanded its scope to include overseas group companies for the activities and held the first Environment and Safety Global Meeting in fiscal 2003. Now, we are committed to enhancing communication between the parties concerned and promote safety activities on a global scale.

## Safety and Health Fundamental Rule

### "First priority on safety"

Nitto Denko advocates "first priority on safety" in the employee guideline specified in the corporate vision and makes a variety of efforts with the slogan of "Perfectly preventing fatal accidents." The efforts are practiced based on the safety and health fundamental rule in the company regulations. The general manager (plant manager) and environment and safety division ensure safety and health in the workplace according to the applicable laws and regulations to offer a safe and comfortable environment where employees are able to work free from anxiety.

## Grasping and sharing information of occupational accidents and fire

### Promoting safety control in domestic and overseas group companies

Nitto Denko intensively monitors occupational and fire accidents as the most risky disasters. In the past, disaster statistics only covered Nitto Denko itself and major Japan domestic group manufacturing companies. In the era of expanding globalization, we decided to expand the reporting obligation for accidents and disasters to the other domestic group companies and overseas group companies after the Environment and Safety Global Meeting in November 2003. Thus, trends of accidents in Japan and overseas countries can be grasped and more effective safety measures can be taken.

From fiscal 2004, we will further promote safety control by offering substantial safety support to the overseas companies and by collaborating with the local safety staff.

As for sharing information, "Environment and Safety Page" was opened on the company's intranet in November 2003 (in English and Japanese). This helps not only sharing environment and safety information among Japan domestic plants but also sharing it among domestic/overseas group companies. If any occupational accident should occur, a prompt report of the accident would be communicated via the intranet to prevent the recurrence of the same accident.



Intranet.  
"Environment and Safety Page"

## Occupational Health and Safety Management System

### Facilitating acquisition of OHSAS and OHSMS certification

All six manufacturing plants in Japan acquired the OHSAS 18001 or OHSMS certification, which is the standard of an international occupational health and safety management system. In addition, two Japan domestic group companies and two overseas group companies acquired the certification. We facilitate the voluntary activities for occupational health and safety at each plant to obtain more certifications.

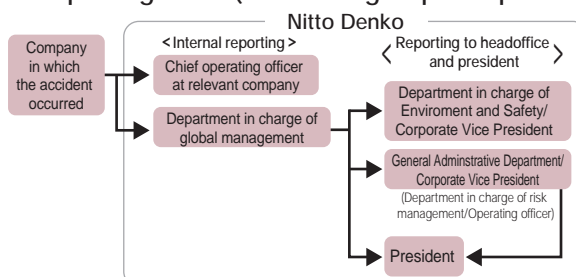
### ● Status of acquisition of OHSAS and OHSMS

Sites	Date	Applicable standard
<b>Nitto Denko</b>		
Kameyama Plant	Oct. 2001	JACO standard: FBS8800 compliance
Onomichi Plant	Dec. 2001	JACO standard: FBS8800 compliance
Toyohashi Plant	Mar. 2002	JACO standard: FBS8800 compliance
Kanto Plant	Feb. 2003	OHSAS18001: 1999
Shiga Plant	Feb. 2003	OHSAS18001: 1999
Tohoku Plant	Apr. 2003	OHSAS18001: 1999
<b>Group Companies</b>		
NITTO ELECTRONICS KYUSYU CO., LTD	Aug. 2000	JACO standard: FBS8800 compliance
NITTO DENKO ELECTRONICS (MALAYSIA) SDN. BHD.	Feb. 2004	OHSAS18001: 1999
NITTO DENKO MATERIALS MALAYSIA SDN. BHD.	Feb. 2004	OHSAS18001: 1999
NITTO LIFE-TECH CO., LTD.	Mar. 2004	OHSAS18001: 1999

## Addressing environmental, occupational, fire and traffic accidents

In a state of emergency, employees are obligated to promptly report the accident as defined in the Group Regulations. The regulation defines the communication route individually for Nitto Denko, Japan domestic group companies and overseas group companies. Any fatal accident shall be reported to the president as soon as possible.

### ● Reporting route (Overseas group companies)



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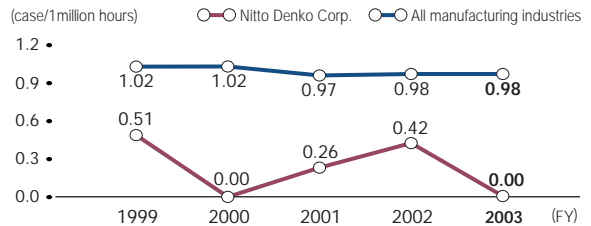
## Measures against occupational accidents

### Practicing accident prevention from both aspects of facility improvement and education

To analyze occupational accidents at Nitto Denko, it tells that injuries by being rolled into rotating parts of the equipment and cuts by edge tools occupies two-thirds of the total accidents. To cope with them, we have brought about such improvements as all exposed edge tools are covered in all facilities, and the machine will automatically stop if the cover is opened. For rotating parts, an emergency stop switch is introduced to stop the machine immediately if operators' hands or arms are entangled. On the other hand, as it was found that inexperienced operators tended to be involved in accidents, it is thoroughly ensured to stop the machine

under abnormal conditions, and more educational opportunities shall be provided for accident prevention.

### Occupational accidents frequency (Number of cases per 1 million hours)



## Fire prevention

### Being aware of the risk of fire, the group tackles fire prevention

As the Nitto Denko Group uses large amounts of organic solvents, we pay extraordinary, special attention to fire prevention. Once the fire breaks out, it may be a cause of an occupational accident. We duly regard it as a risk and tackle prevention and invention of countermeasures.

In fiscal 2003, the number of fire accidents was seven in Nitto Denko, and it would be twenty including the domestic/overseas group companies. More than half of the causes of fire were from static electricity. Our group organized a team for the prevention of fire caused by static electricity to develop preventive measures against this type of fire and study technologies for fire extinction at the earliest stage. When a fire accident occurs, a special team that includes members from the static electricity fire prevention team as main members at each local site starts an investigation. They try to find out the cause through reoccurrence tests and other measures. Based on the investigation findings, appropriate measures are taken for the facilities where

the fire broke out. At the same time, the information is shared by the group companies to take measures on similar facilities.



Each plant organizes a voluntary firefighting team



The Nitto Denko Group endeavors to share information through the environmental safety committee

## Measures against earthquake

### Education and training are repeatedly provided to prepare for earthquake

A booklet named "To prepare for earthquake" is distributed to all employees of Nitto Denko and group companies in Japan. It explains the measures that should be taken for an earthquake in production sites or at home and desirable behaviors if it should occur.

An anti-earthquake procedures manual is provided at each plant, how to handle hazardous goods in case of an earthquake is thoroughly shared by the staff, and the manual is reviewed as required. Evacuation drills are regularly executed.



Booklet "To prepare for earthquake," etc.