

# Environmental Protection Program

## Pollution Prevention

In order to prevent pollution, such as atmospheric and water contamination, before it occurs, Oki Electric is performing activities leading to the total elimination of all contaminating substances, periodical inspections and facility maintenance, as well as personnel training to deal with emergencies.

### 1. Atmospheric Contamination Prevention

Dioxin has been identified as a toxin which causes cancer and teratogenic substances which are harmful to man and animals. It is believed that this substance is produced mostly by waste disposal incinerators and is being regulated by the Air Pollution Control Law. Oki Electric group companies eliminated all waste disposal incinerators in 1999 in order to prevent the production of dioxin and other harmful substances.

The waste produced are reduced in volume through the use of crusher units, and recyclable waste materials are being recycled.

### 2. Water Table Contamination Prevention

Contamination of the soil and water table by organic chlorine compounds, has been drawing a lot of public attention in recent years. Oki Electric has already eliminated the use of 1,1,1-trichloroethane, tetrachloroethylene, trichloroethylene, and dichloromethane. In order to monitor the effects of the use of these substances in the past, soil and water table pollution investigations were conducted. Measurements and observations are still taken periodically by all production sites, including those of affiliated companies.

### 3. Response in the Case of an Emergency

Accidents involving the leaking of chemical substances, may occur due to natural disasters (acts of God), fire or malfunction of facilities, as well as human error in the operation of facilities. In order to prevent such an incident from taking place the following measures have been implemented:

- 1) "Standard procedures for emergencies" have been established and personnel are trained according to these procedures.
- 2) Chemicals are stored in cases, such as those shown below. Cases are also stacked on top of the trays, thereby preventing chemical leaks, in the event a leak occurs for example, if these cases should happen to fall. The maximum height to which the cases may be stacked is also specified and this height is marked with a yellow line on the wall.
- 3) Liquid waste processing tanks are encased in concrete to prevent unforeseen leakage. The pipes leading to and leaving the tank are located above ground, so that they are accessible for visual inspections.



The concrete casing of a waste water processing tank

### 4. Implementation of the Headquarters Safety Audit

Environmental pollution, on a large scale, could possibly be caused by earthquakes or fire disasters since incidents have been reported.

At Oki Electric we have been conducting risk management audits (headquarters safety audit) to minimize all natural and occupational disasters.

The headquarters safety audit is a safety auditing organization that began in FY2000 and evolved from the previous headquarters environmental audit plus the safety and health audit together. Audits were conducted at 21 domestic and six overseas locations in FY2000.



Audit at an overseas plant (Thailand)