

Environmental Management System

Dealing with Environmental Risk

To minimize the potential environmental risk of Murata's business activities, particularly in the event of an accident, we are preparing facilities intended to eliminate any impact on the surrounding environment. With special consideration for the scale and period of impact, we have established the following four voluntary standards for storage and transport of chemical substances within plant facilities. The implementation of relevant countermeasures was completed during fiscal 2002.

See page 28.

•Prohibition against underground storage tanks

In principle, storage tanks for fuel, organic solvents, acids, alkalis and waste liquids shall be located above ground. If it is unavoidable that a tank be placed underground due to legal requirements, it shall be a double-walled tank.

Example of aboveground tank



Murata Manufacturing Co., Ltd. Yasu Plant

•Prohibition against underground piping

Pipes for transporting fluids such as fuel, organic solvents, acids and alkalis as well as waste liquids shall be located overhead.

Example of overhead piping



Toyama Murata Manufacturing Co., Ltd.

Cost of countermeasures to prevent ground permeation (Millions of yen)

FY1995-FY2000		FY2001		Total	
Nonconsolidated	Consolidated	Nonconsolidated	Consolidated	Nonconsolidated	Consolidated
329	1,635	675	720	1,004	2,355

•Permeation barrier coating

Locations where fluids such as fuel, organic solvents, acids, and alkalis as well as waste liquids are handled shall be provided with a bed made of a permeation barrier coating or stainless steel.

Example of permeation barrier coating



Murata Electronics (Malaysia) Sdn. Bhd.

•Emergency containment structure

Workplaces where liquids are received or where waste liquids are discharged to or from tank trucks or the like shall have a structure for immediately containing any leakage should an accident occur.

Example of emergency containment structure



Murata Manufacturing Co., Ltd. Yokaichi Plant

Emergency response drill (Okayama Murata Manufacturing)

In addition to implementing the risk countermeasures mentioned above, we conduct regular training to simulate emergencies.

