

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. Considering the potential scale and period of time of the impact, we have established and implemented the voluntary standards

and countermeasures outlined below for facilities related to the storage and transport of chemical substances within the plant.

These countermeasures were completed within the fiscal 2001 in all sections except one.

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.

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.

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.

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 overhead piping



Example of permeation barrier coating



Example of emergency containment structure



Emergency response drill (Okayama Murata Manufacturing)

In addition to providing the necessary facilities, we stage emergency response drills periodically.



Cost of countermeasures to prevent ground permeation

(Millions of yen)

FY1995-FY2000		FY2001		Total	
Nonconsolidated	Consolidated	Nonconsolidated	Consolidated	Nonconsolidated	Consolidated
329	1,513	0	122	329	1,635