



- Management and Emissions Reduction for Chemical Substances
- Reducing Environmentally Hazardous Chemical Substances
- Soil and Groundwater Contamination Surveys

Managing Chemical Substances and Environmental Risk

Because we handle chemical substances, we have a responsibility to prevent environmental pollution.

We consider the management of hazardous chemical substances emitted during the production process and the reduction of emissions to be important issues, and we are working to resolve them.



Avoiding Environmental Risk

Preventing Environmental Accidents and Pollution

We are aware of the significant environmental risk accompanying the use of chemical substances, and we are taking steps to avoid pollution. We take into particular consideration the degree and duration of environmental impacts when storing and transporting chemical substances within our facilities, applying four voluntary standards for proactive prevention.

We contract legally certified waste disposal specialists for the disposal of industrial waste in Japan and overseas, and we visit their processing facilities regularly to ensure proper treatment. We also conduct surveys to minimize the risk of soil pollution caused by ground deformations when constructing plants. No environmental accidents or other violations of environmental standards occurred in fiscal 2008.

Voluntary Standards for Prevention of Environmental Accidents and Pollution

1. Prohibition against Underground Storage Tanks

In principle, storage tanks for fuels, organic solvents, acids, alkalis and waste liquids and wastewater tanks for treating wastewater will be located above ground. If it is unavoidable that a tank be placed underground, it will be a double-walled tank.

2. Permeation Barrier Coating

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

3. Prohibition of Underground Piping

Pipes for transporting such fluids as fuels, organic solvents, acids and alkalis, as well as waste liquids, will be located above ground.

4. Emergency Containment Structure

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



Overhead pipes at Yasu Plant



Emergency shutdown valve at Anamizu Electronics Industries

Communications with Local Residents about Environmental Risk

We consider minimizing the impact of our business activities on local communities to be one of the most important aspects of our corporate social responsibility, and we work hard to respond swiftly if a problem occurs. In fiscal 2008, the Murata Group's plants received 4 complaints regarding noise, night-time lighting, and tree planting, and we quickly resolved these issues in consultation with local residents.

We also strive to promote information disclosure, by such means as inviting local residents to tour around our operating sites, so that they can better understand our active environmental efforts.



Community tour of Toyama Murata Manufacturing



Community tour of Kanazu Murata Manufacturing

Message

We Are Promoting Effective and Efficient Soil and Groundwater Purification through Self-Management.

Since 1995, Iwami Murata Manufacturing has been implementing soil and groundwater pollution control measures. We conduct soil and groundwater purification in cooperation with specialist companies, using pump-and-treatment method in the plant boundary area, and pump-and-treatment and vacuum extraction methods inside the plant site. Recently we have introduced the latest purification technologies to shorten purification period. Recognizing the importance of proper maintenance of wells and purification equipment, we regularly check the operational status of wells and purification equipment and perform proper maintenance in a timely manner, on our own, without relying solely on outside agencies. We are striving to promote efficient soil and groundwater purification.



Mitsuoki Nishimoto
Administration Sec.,
Iwami Murata
Manufacturing Co., Ltd.

Reuse
Recycle
Reduce