

Environmental Management System Objectives and Targets

At each plant, we first ascertained the type of impacts (environmental impacts) various environmental aspects (e.g., the plants operational activities, product manufacture, services) have or may potentially have on the environment. We then assessed such impacts (environmental impact assessment).

Through this process, we identified which environmental aspects have or may potentially have a major environmental impact (identification of significant environmental impact). To reduce the risk of these environmental impacts' occurrence, we clearly set objectives and targets.

The following lists the major objectives and targets established at ISO14001-certified plants.

- (1) Reduction of wastes and improvement of recycling rate
- (2) Promotion of energy and resource conservation
- (3) Proper control of chemical substances
- (4) Development of environmentally benign products

To achieve such objectives and targets, we have developed and are implementing an environmental management system. This entails preparing an Environmental Management Program (EMP) that specifies responsibilities, means, and schedules, among other matters; and periodically monitoring, measuring, and keeping records of key operational variables.

■ Key Environmental Objectives and Targets

Environmental Objectives	Environmental Targets
Reduction of wastes and improvement of recycling rate	<ul style="list-style-type: none"> • Thorough sorting of wastes • Implementation of plastic waste recycling • Improvement of recycling rate • Reduction of volume of waste per person • Implementation of recycling of all concentrated liquid wastes
Promotion of energy and resource conservation	<ul style="list-style-type: none"> • Reduction of paper usage • Reduction of water usage • Reduction of power usage • Development of energy management systems
Proper control of chemical substances	<ul style="list-style-type: none"> • Reduction of chemical substance usage • Preparation for compliance with the PRTR system • Ascertainment of status quo of exogenous endocrine-disrupting chemicals (environmental hormones) • Augmentation of chemical substance monitoring equipment and operation thereof • Conduct of emergency response drills for chemical substance safety
Development of environmentally friendly products	<ul style="list-style-type: none"> • Reduction of products' energy consumption • Identification of products' recyclable components • Establishment of product disposal procedures • Reduction of quantities of chemical solutions used by products • Complete disuse of regulated CFCs used by products