

Showa Sangyo and the Environment

Showa Sangyo's Fundamental Environmental Policies

Basic Principles

The destruction of the environment and the misuse of resources are a growing problem worldwide. In such an era, it is becoming more and more important for companies to keep future generations in mind while engaging in environmentally sound management.

Our mission as a company in the business of food products is to contribute to the health of people and safety in food.

To help create an environment in which people can live safely and healthfully, we not only abide by applicable laws and regulations but also aim to fulfill our corporate social responsibilities through a company-wide maximum effort on the basis of the action guidelines below.

Action Guidelines

1. Making effective use of vegetation resources

As a food industry company that makes use of vegetation resources such as wheat, soybeans and corn, we will promote more effective use of those materials and contribute to the health of society and safe food.

2. Combating environmental pollution

We will eliminate air pollutants and prevent water pollution.

3. Promoting energy conservation

We will promote energy conservation in our production plants and strive for efficient shipping in our distribution processes.

4. Reducing the volume of industrial waste

In line with our long-term vision, we will take steps to minimize industrial-waste products.

5. Promoting resource recycling

We will effectively recycle various types of resources.

6. Development of environmentally friendly products

We will develop products that can easily be disposed of properly after use, particularly products used in the home.

7. Environmental practices for administrative divisions

We will control the output of waste products from our non-manufacturing divisions, promote reuse of waste products by using recycled products, and sort waste products.

Showa Sangyo's Negative Impact on the Environment



Electricity	Electricity purchased from electric power companies for use in plants
Gas	City gas, LPG and LNG used as energy in plants
Fuel Oil	Fuel oil and light oil used as energy in plants
Coal	Coal used as energy in plants
Water	Tap water, industrial water and sea water used in plants
Chemical substances	Substances in plants subject to be reported in the pollutant release and transfer register (PRTR).

CO ₂	Carbon dioxide arising from the use of electricity, gas and fuel
NO _x	Nitrogen oxides arising from the use of gas and fuel oil
SO _x	Sulfur oxides arising from the use of coal and fuel oil
Waste water	Waste water from plant production processes and facilities
Waste products	Waste products arising from operating activities
Recycling rate	Rate in which waste products are used as materials, raw materials and resources through reusing, material recycling and thermal recycling

The Showa Sangyo Group takes providing high-quality, safe and reliable food products for customers as its obligation. At the same time, we also see it as our duty not to disrupt the global environment, to coexist with the earth and to create a recycling society.

In order to promote environmental management in accord with basic strategy IV – Responding to changes in the environment surrounding businesses – of our Step 21 medium-term business plan, we are working to strengthen our environmental upkeep system and to acquire ISO 14001 integrated certification. Our major activities this fiscal year included the February 2002 acquirement of ISO 14001 integrated certification at the head office's Environmental Management Group, the Funabashi Plant and the General Research Institute. We plan to continue increasing the number of our certified operation sites, and have already added Kobe Plant and Tsurumi Plant in May 2002. In addition, to help combat global warming and promote energy conservation, we have introduced co-generation equipment to our Kobe Plant.

Preserving the environment is our responsibility to society. We will continue to put in our best efforts to creating an environment in which people can live healthy lives with peace of mind.

Showa Sangyo issues its Environmental Report to provide the public with information on its environmental activities (Japanese only).



Environmental Report

Environmental Activities

■ ISO 14001 Integrated Certification

In February 2002, to clearly define Showa Sangyo's corporate ethics at the company-wide level, we acquired ISO 14001 integrated certification. We are building and operating a common environmental management system for the entire company.

In the future, our primary certification activities will be for plants and research facilities, which place a relatively heavy burden on the environment compared to offices. Our secondary certification activities will be expanded to our head office and branches.



Co-generation Equipment (Kobe Plant)

■ Introduction of Co-generation Equipment (Kobe Plant)

We have introduced LNG-fueled gas turbine co-generation equipment, which make efficient use of waste heat.

Compared to fuel oil and LPG (liquefied petroleum gas), LNG (liquefied natural gas) has even lower carbon dioxide emissions and has zero sulfur oxide emissions. In addition, we have installed Japan's first LNG satellite system at a business site and are making efficient use of the waste energy that arises during the vaporization of LNG.

■ Streamlining of Distribution

The creation of an efficient distribution network is helping to conserve energy and preserve the atmosphere.

● Establishment of East Japan and West Japan Order-processing Centers

We consolidated and centralized the operations surrounding receipt of orders and shipments and created an efficient distribution system.

● Construction of Funabashi Distribution Center

By centralizing distribution, we are reducing the movement of forklifts and trucks within the premises. This cuts down nitrogen oxide emissions and helps combat global warming.



Funabashi Distribution Center