

## Environmental Preservation

As a pioneering global manufacturer of vital machinery components, the THK Group has made a contribution to industrial society via the development of linear motion systems such as LM guides. At the same time, we recognize our corporate social responsibility in terms of contributing to global environmental preservation efforts so that future generations inherit a healthy planet. To this end, we are engaged in various activities aimed at continuously reducing the impact on the environment as well as trying to protect and improve the natural environment.

### The THK Group's Basic Policy Regarding the Environment

1. Conservation of the environment is considered a major management concern, and we are striving to accurately grasp the impact on the environment produced by the Group's business activities, products and services. Every division participates by setting relevant environmental goals.
2. In addition to following environmental laws, we set self-imposed standards for Group companies and regularly review them to improve the efficiency and effectiveness of our environmental management.
3. We will continually promote the development of products that help reduce environmental burdens.
4. We will decrease energy use associated with our business activities, while continually promoting reductions in per units of energy consumption and greenhouse gas emissions.
5. In addition to continually promoting conservation and the recycling of resources, with particular attention to reducing and recycling waste from our manufacturing divisions, we will strive to prevent pollution.
6. To promote greater unity in our environmental activities, we will provide guidance and support to our affiliates and business partners, and strive to work in cooperation and harmony with local communities.
7. This basic policy regarding the environment shall be disseminated to all divisions in the Group through education, training and activities designed to improve awareness. We will disclose information concerning the environment to parties within and outside the Group in a timely manner.

Revised on June 3, 2013

### Environmental Activities and Targets

Area	Objectives and Goals	Main Activities
Energy conservation, prevention of global warming	Cut greenhouse gas emissions	(1) Energy diagnostics (2) Energy conservation (3) Use of clean energy
Materials conservation, zero emissions	Reduce environmental impact; achieve zero emissions	(1) Input controls on materials, parts and by-products (2) Controls on emissions and final waste disposal (3) Material reuse/recycling
Harmful substance controls	Eliminate and control harmful substances in THK Group production and distribution activities	(1) Substitution of PRTR-designated substances (2) Green procurement and purchasing
Environment-friendly products and services	Develop products and supply services using LCA (Life Cycle Assessment) methods	(1) Cage-embedded product series development (2) Extension of service life and maintenance-free periods

## Environmental Management System

To promote Groupwide environmental activities, THK develops activities—coordinated by its Risk Management Division's Environmental Management Department—in collaboration with production, administrative and distribution divisions. THK is also working to acquire ISO 14001 environmental management certification at its production sites in Japan and overseas. In fiscal 2012, certification was obtained at the MISHIMA and SENDAI plants of the Group's production company, THK INTECHS CO., LTD.

Of the three environmental targets, the Group recorded a year-on-year increase of around 2% in CO<sub>2</sub> basic unit emissions against a reduction target of 1% in the energy conservation and global warming prevention field as the result of its activities in 2012. The Group, however, did achieve its targets of lowering its emissions rate to less than 0.5% in the material conservation and zero emissions field, and curtailed the use of PRTR-designated substances by 3% compared with the previous fiscal year in the harmful substance controls field.

Business Location	Date of Certification	Examining Authority
YAMAGATA Plant		
KOFU Plant		
YAMAGUCHI Plant	December 17, 2010 (Registration renewal date)	JQA
MIE Plant		
GIFU Plant		
THK RHYTHM NORTH AMERICA CO., LTD. (USA)	June 13, 2001	SQA
THK RHYTHM CO., LTD. Headquarters / HAMAMATSU Plants	December 20, 2001	JIA
THK RHYTHM KYUSHU CO., LTD.	December 20, 2002	JIA
THK Manufacturing of America, Inc. (USA)	July 14, 2003	QMI
THK Manufacturing of Europe S.A.S. (Europe)	February 3, 2004	AFAQ
THK NIIGATA CO., LTD.	October 21, 2005	JQA
THK RHYTHM CO., LTD. INASA Plant	December 20, 2006	JIA
THK MANUFACTURING OF CHINA (WUXI) CO., LTD. (China)	January 7, 2008	CQC
DALIAN THK CO., LTD. (China)	December 18, 2008	TUV
THK MANUFACTURING OF CHINA (LIAONING) CO., LTD. (China)	January 12, 2010	TUV
THK INTECHS CO., LTD. MISHIMA / SENDAI Plants	March 21, 2013	ClassNK

## Energy Management-Related Award Winners

THK's YAMAGUCHI Plant won the Chugoku Bureau of Economy, Trade and Industry Award for Excellence in Energy Management for fiscal 2012. Intended to reinforce Japan's national energy policies and to help solve global warming and a variety of energy issues, a system of awards is presented to enterprises that serve as models for others through their notable achievements in the area of energy management.

Following on from THK RHYTHM's HAMAMATSU Plant winning the Kanto Bureau of Economy, Trade and Industry Director Award for fiscal

2011, in fiscal 2012 the manager of the plant (and corporate officer of THK RHYTHM) Mitsuo Yokota was named A Distinguished Person in Energy Management by the Chubu Regional Electricity Usage Rationalization Committee. This award recognizes remarkable achievements of individuals and operators related to energy conservation. The winning of this energy management-related award comes as a result of the highly acclaimed energy-saving efforts conducted over many years at all THK RHYTHM sites. The THK Group will continue to vigorously promote energy-saving activities in the years to come.



Award for Excellence in Energy Management



Award for A Distinguished Person in Energy Management

Mr. Yokota, the plant manager of THK RHYTHM's HAMAMATSU Plant (Standing, right side)

## Training Toward Establishment of Global Green Purchasing System

In fiscal 2011, THK provided training at 11 business locations in Japan, including plants and THK Headquarters, on each respective department's duties with respect to using the chemical management software required for green purchasing and managing chemical substances. In fiscal 2012, the training was extended to all overseas production facilities (Group companies).

As domestic and international legal and regulatory frameworks, including Europe's RoHS (Restriction of Hazardous Substances) directive and REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) system, become ever more strict, the task of managing and providing the required data on chemical substances is becoming increasingly complex and multifaceted. Such a situation demands that THK, which is developing business in a unified producer-retailer system in four territories—Japan, the Americas, Europe and the rest of Asia—develop a global green purchasing system structure.

During the training sessions, local employees and Japanese staff on overseas assignment alike gave earnest consideration to green purchasing, based on the different practices and backgrounds of each country, and engaged in lively discussion. Working to set up an ongoing global green procurement system, THK will continue to meet the demands of its customers while abiding by each country's laws and regulations.



Green procurement education and training at an overseas base