

I • Environmental pledge and system

Since the YKK Group established the YKK Group Environmental Charter in September 1994, we have been unified in our endeavors to protect and improve the environment.

YKK Group environmental pledge — Our fundamental understanding of the global environmental issue —

It is recognized today as being a most important duty for all humankind that we preserve the abundantly endowed global environment and that we transfer it to the next generation in sound condition.

Striving to be an earth friendly company, YKK Group proclaims that we will address and promote "harmony with the environment" as the highest priority of our business activity.

September 20, 1994

Tadahiro Yoshida, YKK Group

○ Action targets and results

We accept our duty to the environment. In order to reduce the environmental impact of our main enterprises, making architectural products (including windows, doors, wood building materials and exterior materials) and fastening products

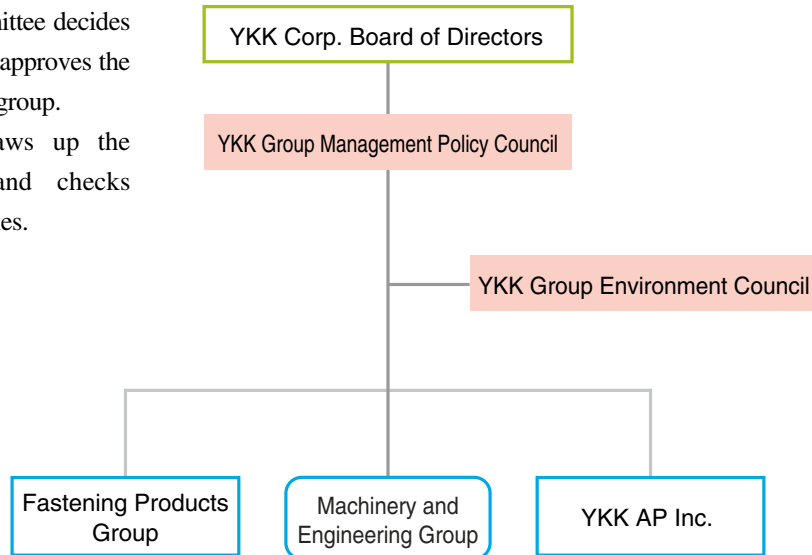
(including fasteners, buttons, and Hook and Loop Fasteners) the YKK Group has set 4 objectives for our intermediate term environmental management policies and, in accordance with these, we are striving to achieve our environmental action targets.

Fundamental environmental management policies	Environmental action targets	
Promotion of development and provision of eco products	1) Development and provision of environmentally friendly products and services that meet the requirements of green procurement and purchasing	<ul style="list-style-type: none"> •Preparation of environment-friendly voluntary standards based on Law on Promoting Green purchasing and recycling laws •Preparation of catalog of environment-friendly products •LCA execution
	2) Promotion of green purchasing	<ul style="list-style-type: none"> •Determination of green purchasing and green procurement standards •Procurement of environment-friendly materials manufactured at plants that place minimal impact on the environment •Promote with business partners
	3) Reduction of volume and facilitation of recycling of packaging and packaging materials	<ul style="list-style-type: none"> •7% reduction fiscal 1998 level of basic packaging materials unit requirement by end of fiscal 2003 •Packaging and packaging material recycling achieved by end of fiscal 2005
Make operations even more efficient to reduce impact on the environment (Ensure legal compliance)	1) Countermeasures against global warming (Energy conservation)	<ul style="list-style-type: none"> •10.4% reduction of fiscal 1990 level of energy unit requirement at main domestic plants by end of fiscal 2005 •10.1% reduction of fiscal 1990 level of energy consumption at main domestic plants by end of fiscal 2005 •13.8% reduction of 1990 level of CO₂ discharge at main domestic plants by end of fiscal 2005 •Introduction of clean energy
	(Enhancement of transportation efficiency)	<ul style="list-style-type: none"> •Promotion of modal shift •Promotion of use of regional ports
	2) Zero emission	<ul style="list-style-type: none"> •Achievement of zero emission of ordinary waste at main domestic plants by end of fiscal 2002 •Aim to achieve zero emission at main bases throughout the world by end of fiscal 2005 •10% reduction of fiscal 1998 level of amount of copy paper purchased by end of fiscal 2003 •Promotion of garbage recycling
Build and use of a global environmental management system	3) Reduced risk of chemical substances	<ul style="list-style-type: none"> •CFC-11 for refrigerant (use discontinued by end of fiscal 2003) •HCFC-141b for refrigerant (use discontinued by end of fiscal 2002) •HCFC-225 for refrigerant (use discontinued by end of fiscal 2010) •HCFC-22 for refrigerant (promotion of recovery of refrigerant when air conditioners upgraded or removed) •Continue promoting of the use of harmful materials at main production facilities throughout the world •Promotion of chemical substance reduction plan by use of PRTR system •Environmental impact assessment conducted at site (environmental assessment) •Pollution control regulations when purchasing property (established based on preparation of law)
	1) ISO 14001 certification obtained as main sales, service, office and development bases and main production bases throughout the world	<ul style="list-style-type: none"> •Acquisition of ISO 14001 certification completed at major production bases of the world by the end of fiscal 2003 •Implementation of YKK Group internal environmental inspection at all major production bases of the world
Promotion of environmental communication	2) Introduction of environmental accounting system	<ul style="list-style-type: none"> •Application and utilization of environmental accounting system •Establishment of environmental efficiency index
	Publication of environmental data	<ul style="list-style-type: none"> •Continued publication of environmental report •Entry in environmental exhibitions •Use of environmental label •Preparation of environmental education system
	Symbiotic relationship with global society	<ul style="list-style-type: none"> •Promotion of social activities

Organizational chart for YKK Group Environmental Policy Committee

The Environmental Policy Committee decides the basic environment policy and approves the environmental action plan for the group.

The Environment Council draws up the environmental action plan and checks departmental environmental policies.



Fiscal 2002 targets	Fiscal 2002 achievements	Page
<ul style="list-style-type: none"> •Creation of voluntary environmentally friendly standards •Preparation of environment-friendly products catalog for architectural products business •LCA implemented for main products 	<ul style="list-style-type: none"> •Preparation of environmentally friendly product standards and environmental labeling standards •ECO MESSAGE published 2003 (Feb. 2003) •Publication of LCA results in the 2002 Environmental Report 	7-12
<ul style="list-style-type: none"> •Quantification and implementation of green procurement standards •Promotion with business partners •Procurement of environmentally friendly products that have been manufactured at factories with low environmental impact 	<ul style="list-style-type: none"> •Preparation of green purchasing guidelines for business partners 	13
<ul style="list-style-type: none"> •5.5% reduction fiscal 1998 level of basic packaging materials unit requirement for main domestic plants •Recovery of packaging materials, expansion of recycling area 	<ul style="list-style-type: none"> •16% reduction of previous year level; 32% reduction of 1998 level •Expansion of recycling area 	14
<ul style="list-style-type: none"> •7.8% reduction of fiscal 1990 level of energy unit requirement at main domestic plants •7.8% reduction of fiscal 1990 level of energy consumption at main domestic plants •9.4% reduction of 1990 level of CO₂ discharge at main domestic plants 	<ul style="list-style-type: none"> •4.8% reduction of previous year level; 8.4% reduction of 1990 level •2.3% increase of previous year level; 17.6% reduction of 1990 level •0.3% increase of previous year level; 24.3% reduction of 1990 level 	15-16
<ul style="list-style-type: none"> •Total joint transport implemented for factories, distribution and management •Improvement of truck loading efficiency for transport to customers 	<ul style="list-style-type: none"> •Joint transport completed •Transport truck loading efficiency improved 8% 	
<ul style="list-style-type: none"> •Achievement of zero emission of common waste materials at all of the main domestic production facilities by the end of fiscal 2002 •Reduction of waste disposal amounts of the main domestic plants to 70% less than 1990 levels •Increase of waste paper recovery rates of the main domestic plants to 89% •Promotion of the recycling of organic waste 	<ul style="list-style-type: none"> •Achievement of reduction at 7 of main production facilities •Achievement of 30% reduction from the previous year, a 70% reduction from 1990 levels •3% waste paper recovery increase from the previous year, achieving a rate of 89% •Continuation of promotion at domestic production facilities 	17-18
<ul style="list-style-type: none"> •Eliminate use of HCFC-141b as a blowing agent by the end of fiscal 2002 •Continue promoting the reduction of the use of harmful materials at main production facilities throughout the world •Establish pollution evaluation regulations at the time of land purchase (in compliance with law) 	<ul style="list-style-type: none"> •Elimination of HCFC-141b use, excluding a few products (switch planned in fiscal 2003) achieved •Establishment of a chemical substance management division •Inspection of company land begun 	19-22
<ul style="list-style-type: none"> •Completion of acquisition of ISO 14001 certification at all major domestic production facilities •Implementation of YKK Group internal environmental inspection 	<ul style="list-style-type: none"> •Certification acquired at 5 domestic facilities (completion of acquisition at main domestic facilities) •Certification acquired at 13 production facilities abroad •YKK Group internal environmental inspection implemented (Tohoku Plant, Hokkaido Plant, Namerikawa Plant) 	23-24
<ul style="list-style-type: none"> •Application and utilization of environmental accounting system 	<ul style="list-style-type: none"> •Utilized as segment accounting 	25-26
<ul style="list-style-type: none"> •Publication of environmental report •Entry in environmental exhibitions •Educational tools and system prepared 	<ul style="list-style-type: none"> •Publication of YKK Group 2002 environmental report (August 2002) •Items entered in Eco Products 2002 (Dec. 2002) and Toyama Fair (Oct. 2002) •Environmental education for provisionally accepted new employees implemented and Environmental Action 25 (for the workplace) created 	27-28
<ul style="list-style-type: none"> •Promotion of social activities 	<ul style="list-style-type: none"> •Cleanup activities implemented in various areas •Environmental education events held 	