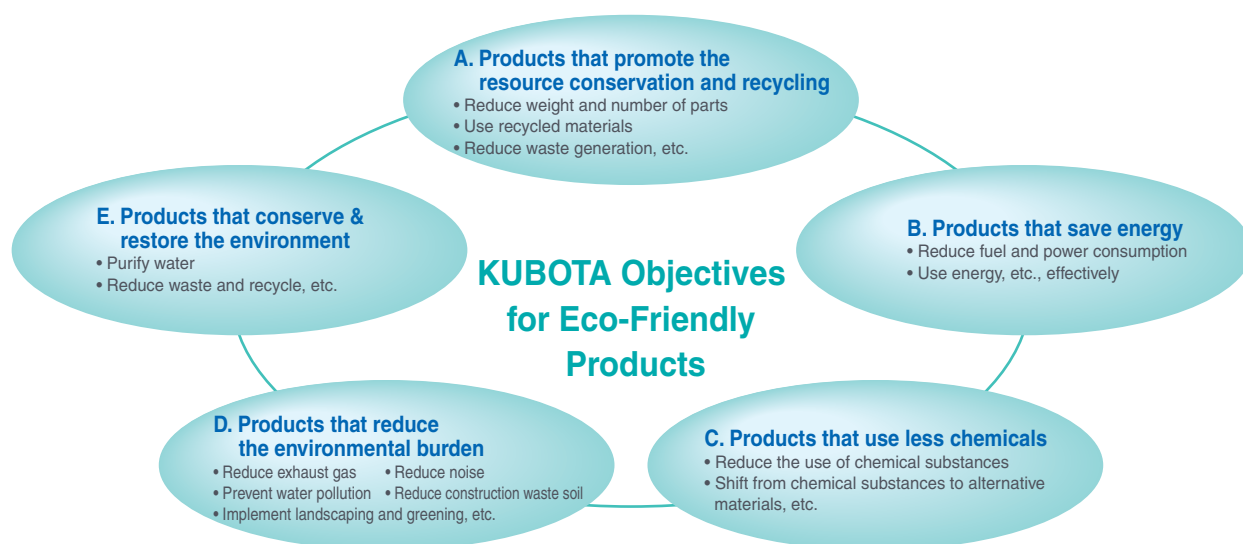


Eco-Friendly Products

As part of KUBOTA's activities that specifically take the environment into consideration, we have established particular targets for each product in the following five areas and employ these in striving to develop eco-friendly products.



Examples of the development of eco-friendly products

Consolidated division	Product group	Field					Content
		A	B	C	D	E	
Industrial & Material Systems	Iron pipes						Water purification
	Steel pipes						Effective utilization of energy; reduction of construction waste soil
	Synthetic pipes						Utilization of recycled materials; reduction of waste tube generation
	Valves						Reduction in weight; reduction of construction waste soil
	Industrial equipment and materials						Reduction in fuel consumption; shift from chemical substances to alternative materials; reduction in exhaust noise; reduction of construction waste soil; greening
Farm & Industrial Machinery	Tractors						Easy-to-dismantle designs; reduction in exhaust gas; reduction in exhaust noise; reduction in operating noise
	Farm implements						Reduction in weight; reduction in the number of parts
	Agriculture-related products						Water pollution prevention; waste resource recycling
	Agricultural facilities						Reduction in power consumption; water pollution prevention
	Construction machinery						Parts reuse measures; reduction of chemical substance use; reduction in exhaust gas; reduction in exhaust noise
	Engines						Reduction in exhaust gas
	Electrical equipment						Energy conservation; reduction in power consumption
Environmental Engineering	Vending machines						Reduction in power consumption
	Service water- and sewer-related products						Reduction in power consumption; water purification; reduction in waste
	Water environment-related products						Water purification; reduction in waste; effective utilization of waste
	Recycling-related products						Reduction in weight; reduction in power consumption; reduction in noise and vibration; reduction in waste
-	Pumps						Effective utilization of energy; water purification
-	Septic tanks						Reduction of construction waste soil; water purification
-	Air-conditioning equipment						Reduction in waste; reduction in power consumption; reduction of chemical substance use

Environmental labeling

ECO Marks

Item	Product name	Consolidated division
ECO Mark	"Bio Green Grass" (Biodegradable oil)	Machinery

Items designated by the Law on Promoting Green Purchasing

Field	Classification	Item	KUBOTA product
Public works	Construction machinery	Machinery with emission-control measures	Construction machinery
		Low-noise machinery	Construction machinery
	Materials (piping materials)	Recycled hard PVC pipes for drainage	Recycled 3-layer foamed-core pipes
	Construction methods (for the effective use of construction waste soil)	The effective use of low quality soil	The "Ducpile" construction method

TOPIC: Eco-Friendly Products

KUBOTA's "Jusui" butterfly valve received a certificate of compliance to the Japan Testing Center for Construction Materials' Environmental Claim Conformance in Construction Materials standard.

In September 2005, KUBOTA's "Jusui" butterfly valve received the first certificate of compliance for water service butterfly valves under the "Environmental Claim Conformance in Construction Materials" standard recognized by the Japan Testing Center for Construction Materials. The "Jusui" butterfly valve is characterized by its unique shape corresponding solely to the valve element portion of conventional butterfly valves and its water-feed hole with the same surface area as the by-pass piping used for water supply, thus enabling water-feed work to be accomplished through a minimal opening. The following two points are the main focus of environmental claim conformance in the "Jusui" butterfly valve.

1. By placing the water-feed function within the valve element, the unit can be installed directly, without the need for either by-pass piping or sub-valves, or for a valve room, and waste soil during construction can be minimized.
2. The single operational axis makes maintenance management easy, allows the adoption of earthquake-resistant fittings, and enables easy installation.

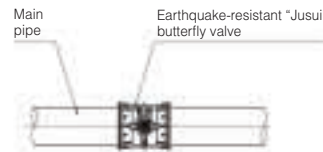
The "Jusui" butterfly valve was examined by the Japan Testing Center for Construction Materials Determination Committee, its environmental claim conformance was evaluated as being equivalent to the L2 class in the "Environmental Claim Conformance Evaluation Guide for Construction Materials" (fiscal 2003 version), its function as satisfying the JWWA B138 "Water Service Butterfly Valves" standard, its water supply stability as meeting the specified quality control system, and a certificate of compliance for "Environmental Claim Conformance in Construction Material" was thus issued.



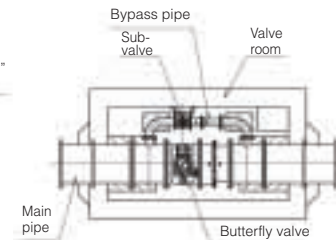
Certificate of compliance



"Jusui" butterfly valve



"Jusui" butterfly valve direct installation method



Conventional installation method

Comparison of installation methods

Green purchasing

KUBOTA joined the Green Purchasing Network in 1996 and began promoting a policy of prioritizing the purchase of products that minimize the burden on the environment. Green Purchasing Guidelines were then determined for such items as raw materials, parts, etc., in April 2001. We have also conducted such related activities as the studies on how our suppliers are involved in or approach environmental issues. KUBOTA also cooperates with suppliers to reduce environmental loads and we aim at introducing these activities in all our plants and offices.



KUBOTA's Green Purchasing Guidelines are available on the Materials Procurement page of our website.

<http://www.procure.kubota.co.jp/policy.html>

Result of environmental study

