Environment-friendly products and action plan

We at Kubota are tackling the development of environment-friendly products as our environment-concerning activities for the products, deciding the achievement goals by product in the five fields shown below.

A. Products promoting saving energy and resource recycling
- Reducing weight and reduction of number of parts
- Using recycled materials
- Controlling generation of waste and so on

B. Saving energy products
- Reduction of fuel and electric power consumption
- Effective use of energy and so on

C. Products with less chemical
- Reduction of used amount of chemicals
- Substituting alternative substances for chemicals and so on

D. Products reducing local environmental load
- Reduction of exhaust gas
- Reduction of noise
- Water pollution prevention
- Reduction of waste soil in construction
- Contribution to cleaning and tree planting for sight and so on

E. Products contributing to environmental conservation and remediation
- Water purification
- Reduction and recycling of waste and so on

Environment-friendly products we are going to realize

An Example of LCA implementation

Hybrid small-sized Joukaso

We compared the environmental load of hybrid small-sized Joukaso HY type, adopting two steps treatment of fluidizing carriers plus contact aeration, with that of usual contact aeration Joukaso HS-P type.

HY type Joukaso is smaller and lighter by about 30% respectively compared with HS-P type Joukaso because of design of miniaturization, though they have the same function.

As a result, emitted amount of carbon dioxide, from the stage of producing raw materials to the stage of transporting products, was reduced by about 21% compared with HS-P type. We are now tackling environmental load reduction in our mid- and large-sized Joukaso by miniaturizing and lightening them.

Environmental label

Eco mark

Specific procurement items in the Law on Promoting Green Purchasing
Green procurement and purchasing

We at Kubota joined the Green Procurement Network in 1996. And we have been promoting green procurement in which the environment-friendly products should take priority over other products. We decided green procurement guideline regarding raw materials and parts in April 2001, in order to reduce the environmental load in cooperation with our venders, conducting the investigation of their tackling environmental activities and so on. We are now promoting this system in all of our plants.

In November 2001, we decided green procurement promotion standards regarding specific procurement items in the Law on Promoting Green Purchasing, and now are intend to purchase the products which meet the judging standards in the law. We have made the system in which we can calculate the amount and the ratio of green purchasing.

According to the system, the amount of green purchasing was 29.40 million yen, the ratio of green purchasing was 57.0 % in fiscal 2003.

We will make an effort to increase the ratio, aiming at 100% in fiscal 2005.

Complying with the Law for Promotion of Sorting and Recycling of Containers and Packaging

We sell a various kind of products to the companies and consumers.

The packing of these products is various.

Almost all products are shipped with the packing that has no relation to the law.

We grasped the total amount of the packing, relating to the law, for our products in fiscal 2002 in the wake of the previous year.

As a result, the amount of plastic packing and paper packing used were approximately 410 ton and approximately 1,670 ton respectively.

However, the discharged amount of waste as municipal solid waste was extremely small, because almost all products were shipped to the dealers, or were unpacked at the distribution stage.

We positively and continuously promote our activities changing to recyclable materials in order to construct recycling-oriented society, and reducing containers and packaging in order to prevent global warming.