

# Environmental Conservation Activities by Isuzu and Its Group Companies

Isuzu is implementing various environmental conservation activities along with its group companies at home and abroad. Let us introduce how our main Fujisawa Plant and one each of our domestic and overseas group companies are pursuing activities related to environmental protection.

## ■ Fujisawa Plant



Makoto Sasaki,  
Executive Officer and Plant Executive

### Slogan

Based on our belief that efficient production through the total elimination of waste contributes to reducing environmental impact, we always keep in mind how customers will react to us and devote our efforts to the creation of products that will help to protect the global environment as a mother plant for Japanese and overseas production sites.

### Production and Environmental Activities

Fujisawa Plant is a main domestic plant that assembles trucks, Isuzu's major product lines and produces main automotive parts such as engines and transmissions. As a mother plant for overseas production sites, it accepts trainees from abroad and provides support for upgrading overseas plants.

Based on the IMM,\* which is Isuzu's basic manufacturing concept cultivated over years, we are working on the reduction of environmental impact as a key issue. Major activities are:

1. CO2 reduction/promotion of energy saving campaigns
2. Promotion of Zero Emission activities/reduction in landfill disposal
3. Reduction in environmental impact substances
4. Full compliance with the requirements of environmental management

Last year, we united our efforts to unveil a new model ELF as an environmentally friendly truck. We made our policy for environmental preservation clear through the release of this new model. We at Fujisawa Plant have been positively implementing ISO 14001-based environmental conservation activities.

\*IMM: Isuzu Manufacturing Management



Line-off ceremony for the new ELF

### Environmental Preservation and Concrete Efforts

With great emphasis on the prevention of global warming, we are taking various measures to cut CO2 emissions by using soft and hard tools. Specifically, our positive efforts include the introduction of a co-generation system and multi-can type combustion boilers, plant-wide energy saving patrols by the Energy Conservation Committee and idling-and eco-stopping of machine tools. These initiatives resulted in a 9.8% reduction in CO2 emissions per unit of production.

We have already achieved our Zero Emission target through our efforts to reduce waste. Further efforts are underway to reduce landfill disposal to one ton per month. With regard to VOC emissions, we have also fully met the requirements of the Air Pollution Control Law.

### Relationship with Local Communities

Fujisawa Plant is carrying out various activities, such as a summer evening festival and trash collection. About 20,000 local residents enjoyed the evening festival. We regularly clean up surrounding areas to help create a beautiful local environment.



The summer evening festival was enjoyed by local people.

## ■ Overseas Group Company: Isuzu Motor Co., (Thailand) Ltd.

Founded in 1966, Isuzu Motor Co., (Thailand) Ltd. (IMCT) is a key company for business operations in the ASEAN countries. It manufactures medium- and light-duty trucks, the D-MAX pickup truck with energy efficient common rail diesel engines and the MU7 sport-utility vehicle. The company was certified as ISO 14001 compliant in February 2001. The Environmental Committee at IMCT leads activities related to environmental improvement.

IMCT's energy conservation efforts include the greening of the plant site, the introduction of energy-efficient electric fans and a



Shunichi Satomi, President



ISO 14001 certificate



A complete view of the plant

review of preset temperatures for air conditioners. All these initiatives resulted in a 5% reduction in CO2 emissions over the previous year. The company is working extensively on the improvement of parts distribution through a milk-run approach. Efforts are also being made to conserve resources through the re-use of waste water and a reduction in the use of water. IMCT has succeeded in reducing landfill disposal of waste to 10% by ensuring separate garbage collection and promoting recycling. The company is determined to continue these activities as one way of contributing to the protection of the global environment.

## ■ Domestic Group Company: Nippon Fruehauf Company, Ltd.

Nippon Fruehauf Company mainly manufactures van bodies, with its head office and plant in the city of Atsugi, Kanagawa Prefecture. Amid the growing concern about environmental problems, Nippon Fruehauf obtained ISO 14001 certification in November 2002.

In our efforts to manufacture environmentally friendly products as stated in our environmental policy, we are reducing environmental impact substances, switching from natural lumber to

planted trees and making lightweight freezers and wing vehicles. We are also environmentally conscious in production, reducing the amount of organic solvents through the use of powdered paint and supplying an appropriate amount of air by controlling the number of air compressors in use.

We hold a rose show on the third Sunday in May every year, where 800 roses of 300 different kinds grown by company employees are on display. A record 20,000 people enjoyed the roses on the 20th anniversary exhibition, held in fiscal 2007.



Yoshinobu Hiki, President



Rose exhibition



A complete view of the plant