

# Environment and Safety in Logistics

ZEON works to ensure safety and reduce the burden placed on the environment by its distribution and logistics activities.

## Logistics Safety

ZEON has instituted the "Yellow Card Management Rules" for transport of toxic or dangerous products. These rules require drivers to carry a yellow card when such products are being shipped. Annual plans are also formulated at each plant to prevent logistics accidents by conducting training on product handling and similar topics through the Logistics Council.

## Environmental Countermeasures for Logistics

### Improving transport energy efficiency

ZEON, like other designated consigners, places a particular focus on rationalizing the use of energy for transportation. It has made a "modal shift" whereby material previously transported by truck now



Yellow Card

uses more energy-efficient rail transportation. The proportion of product distributed as freight (measured in ton-kilometers) has increased from 8.0% in 2007 to 9.7% in 2008.

# Environment and Safety Training

We are working on improvements in safety management across the company through training organized from head office.

## Manager and supervisor training

"Production Manager Training" and "Foreman Training" programs for plant staff with front-line responsibility for safety management were jointly organized by the Human Resource Department and Environmental & Safety Affairs Department.

The training has covered environmental and safety laws, classroom work on basic safety, and education to improve safety awareness. Also, training is conducted annually for newly appointed line managers and environmental and safety managers and this training was held once during 2008.

## Safety training by past plant managers

A trial using past plant managers with extensive knowledge and experience to provide safety training for employees that started in 2003 has been continued. This training involves group lessons for all plant employees. In 2008, this course studied a serious accident that occurred during construction work to improve awareness of the safety considerations required during design and provided an opportunity to reinforce details about safety management standards for non-routine work and related topics.



Training course using accident case study