

# Resource Conservation



We are promoting reduction of paper use, mainly at ISO14001-certified plants, as a means of conserving natural resources. At all our facilities, we use recycled paper for everything except certain special uses. We have also reduced our water consumption through day-to-day water conservation activities and installation of cooling-water circulation systems and dry vacuum pumps.

## ■ Examples of Initiatives to Reduce Paper Usage

- At the Ozu plant, we switched to completely recycled paper (i.e., paper with 100% used-paper content), effective April 1999. In fiscal year 2000, we continued our efforts to promote the conversion of internal documents for circulation to electronic media in all departments, as well as the use of both sides of paper. As a result, usage of both sides of paper amounted to a total of 246,000 sheets.
- At all plants, we reduced paper usage by copying on both sides of a copy paper and also making reduced-size copies. We are also proceeding with conversion to electronic media to further minimize paper usage.

## ■ Examples of Initiatives to Reduce Water Consumption

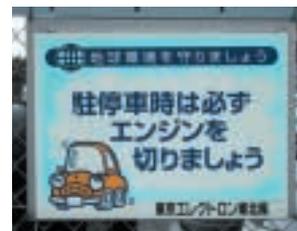
- At the Ozu plant, we introduced a waste water recovery system from vacuum pumps. Previously, water used to cool the pumps was disposed of as wastewater. Under the new system, this water is collected into a tank using a circulation system and reused as cooling water. This has resulted in monthly water savings of 830 m<sup>3</sup>, although due to increased production and other factors our overall consumption of industrial water actually increased.
- At the Kumamoto plant, we converted two of our vacuum pumps to dry pumps. By switching to pumps that do not use water, we have managed to reduce the consumption of both water and electric power. It is difficult to gauge the effectiveness of this reduction initiative due to the fact that a large number of personnel moved from the Kumamoto plant to the Koshi plant at the same time the new pumps were installed; however, it is clear that we are using less water than the amount used before (518 kl).



Wastewater recovery facility

## ■ Other Initiatives

- At a number of offices, including our Osaka branch office, as the lease agreements on our company vehicles have expired, we have gradually been replacing them with hybrid cars or cars that comply with the “green tax” system. According to the study carried out by our Osaka branch office, the fuel efficiency of these hybrid cars is twice that of standard gasoline-fueled vehicles. The change thus represents a contribution to energy savings and conservation of resources, as well as a contribution to the reduction of air pollution and to the prevention of global warming, even if the impact of the contribution is very small.
- At the Sagami and Yamanashi plants, we have discouraged drivers from leaving their car engines running while stopping, to help contribute to the prevention of global warming.



A sign urging drivers to turn off their car engines while stopping