

# Water Resources and Green Conservation

## 1. Conservation of water resources

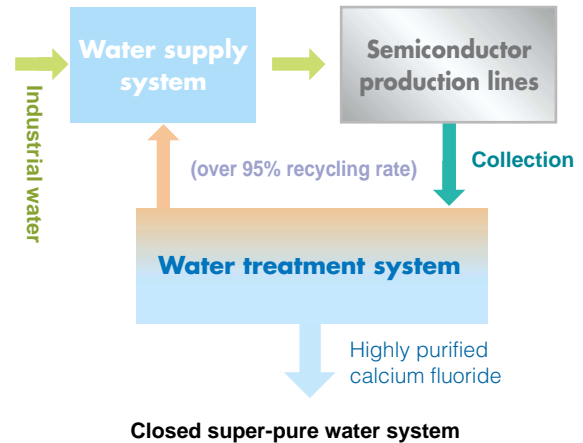
### • Recycling water (semiconductor production plants)

A large quantity of water is required for semiconductor production processes. The semiconductor production plants are using a closed superpure water system and are recycling the water inside the plants. This system recycles over 95% of the water used, and as a byproduct, highly purified calcium fluoride (fluorite) for recycling is also being produced.

### • Recycling of surface active agents

It is important to reduce the amount of substances causing deterioration of water quality, in order to conserve water resources.

Oki Engineering Co., Ltd., has developed a recycling system which utilizes a ceramic filter for the infiltration of the water whereby the surface active agents can be recycled. By using this system, it is now possible to recycle over 90% of surface active agents, which were previously disposed of.



Recycling system for surface active agents

## 2. Greening Conservation

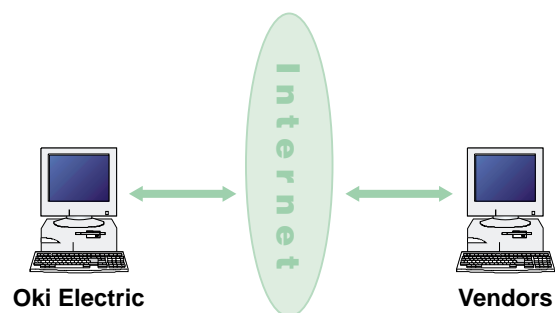
### • Promotion of paperless operations by using electronic data interchange (EDI)

Paperless operations, through the digitization of management operations in drawings as well as digitization of accounting slips, are being promoted.

Oki previously issued purchase slips to procure parts and materials from vendors.

In order to reduce the amount of paper slips issued and as an additional measure to the existing EDI in operation via VAN, a "Web EDI system" was established to link the vendors with Oki via the Internet in FY1999.

Since the "Web EDI system" makes it possible to place orders from computers inside the company to the computers of the vendors through communication networks, paper purchase slips are no longer required for placing orders, resulting in a reduction of 1.2 million paper slips for the entire Oki Electric.



Procurement by the Web EDI system