

## Environmental protection (Strict adherence to legal regulations)

We control SOx and NOx in gas, exhaust water and other emissions from our plants and other facilities with voluntary management standards that are stricter than laws and agreements.

### Environmental action targets

- Ensure legal compliance
- Further enhance low environmental impact operations

#### ● Preventing air pollution

When updating our facilities, we have adopted the use of low sulfur fuels, including kerosene and LPG, for fuel-using manufacturing processes. Furthermore, by taking such measures as installing burners that are effective at NOx reduction in melting furnaces and boilers, we are reducing the amount of nitrogen oxide occurrence.

At the Tohoku Plant, the boiler is operated by heat produced by wood scrap burning equipment, allowing us to reuse the heat energy stored in the waste wood. Furthermore, we undertake countermeasures against dioxins, including thorough management of our incinerators with such equipment as internal temperature regulators, rapid cooling of exhaust gas and particle collection in bag filters.



Tohoku Plant equipment used to capture the heat energy of burning wood scraps

#### ● Preventing water pollution

Since fiscal 2001, we have been conducting inspections of water organisms in the waterways that receive exhaust water from our Kurobe facilities. The quality of the water influences types and numbers of organisms living in these waterways, so surveying them provides a method for overall evaluation of the water quality. In fiscal 2002, we expanded the number of survey locations and items measured for these water quality inspections. We will continue to conduct these surveys in the future.



Aquatic life study

#### ● Effective water use

Recognizing that water is an important resource, in addition to striving to use cooling water efficiently in our manufacturing processes to reduce our water use, we also actively contribute to regional groundwater preservation by letting rainwater percolate into the ground.



Kurobe facility cooling water collection pond

#### Transition in amount of water used (limited to YKK Group main domestic plants)

