

# ENVIRONMENTAL ACTIVITIES

## Environmental Initiatives

Nissin Kogyo treats environmental issues as the most important challenges of management and energetically conducts environmental protection activities. Not to mention providing customers with resource-saving and energy-saving products, the Nissin Kogyo Group concentrates wholeheartedly on environment and safety, and constructs a framework for further environmental protection.

### Environmental Policy of Nissin Kogyo

In June 1998, Nissin Kogyo formulated its Environmental Policy to promote its environmental protection activities. Everyone in the entire group works together toward forming a recycling-oriented society and constructing a sustainable society.

### Environmental Protection Activities

Aiming to establish environmentally-friendly plants that contribute to the reduction of CO<sub>2</sub> emissions, Nissin Kogyo is promoting the introduction of a cogeneration facility that uses natural gas. This system generates electricity to be used by factory from natural gas fuel. We also effectively utilize the hot water and heat emissions produced by the system.

The first of our factories to introduce a cogeneration facility was Ueda Factory in July 2004. We then followed this by introducing the same system at the Naoetsu Factory and the Tobu Factory.



Cogeneration facility of Tobu Factory

Not only do we use the electricity generated by these systems for factory operations, we also effectively utilize the hot water and heat emissions in the cooling/heating systems of Corporate Headquarters and Ueda Factory. At the Naoetsu Factory, the generated electricity is used at the new factory for four-wheeled vehicle parts and the hot water and heat emissions are not only utilized in the alumite processing and surface processing processes, they are also used to melt snow in the winter.

### ENVIRONMENTALLY-FRIENDLY PRODUCTS

Nissin Kogyo works hard to convert steel materials to aluminum through its aluminum weight reduction technologies. Our aluminum knuckles are a typical example. By switching this product's material from steel to aluminum, we lightened knuckle weight by 4 kg per car, and by doing so contributed to saving energy and reducing CO<sub>2</sub> emissions.



Aluminum Knuckles