

# Initiatives at Overseas Group Companies

The Furukawa Electric Group is working across the world to protect the environment and contribute to society in the context of local needs.

## Initiatives at Shenyang Furukawa Cable

China



### Environmental Preservation Initiatives

Environmental issues associated with economic development have become a major concern in China, and the Chinese government is developing regulations and reinforcing onsite company inspections as well as environmental guidelines. In response, Furukawa Electric designated 2008 as preparation year toward obtaining ISO 14001 certification by the end of 2009 and began installing facilities designed to reduce our environmental impact.

#### (1) Adoption of heat pumps

Hydronic heating using coal boilers, which is common in Shenyang, is associated with atmospheric pollution from coal combustion. Therefore, upon construction of a new cable plant in 2008, we adopted heat pump equipment that uses temperature differences in the groundwater for heating. Through this method, the use of coal resources is reduced and atmospheric pollution as well as the emission of greenhouse gases are prevented. It also allows for a more comfortable workplace in the plant by enabling climate control in winter and summer.

#### (2) Installation of wastewater disposal facility

We installed a facility for wastewater disposal at the newly constructed plant. Although water use has increased in step with our operations, the new facility has enabled us to satisfy requirements for COD, SS and oil content when discharging wastewater.

#### (3) Outdoor waste management

Waste generated by the plant had previously been left in piles that were subject to problems such as outflow during rainfall. To address this issue, we created a roofed waste storage area and at the same time managed to reduce the volume of waste by sorting valuable resources and reducing storage space.

#### (4) Environmental education

To raise employee awareness of the environment, we invite outside experts to provide training mainly for environmental committee members selected from each department.

### Social Contribution Activities

Activities undertaken in 2008 include helping to remove snow on neighboring roads, collecting donations from all employees for areas afflicted by the Great Sichuan Earthquake in May 2008, and planting trees on both sides of neighboring roads at the request of the local district. In addition, Japanese employees as well as local Chinese employees participated as volunteers in the Shenyang Japanese Speech Contest and the Japan-China friendship marathon sponsored by the Shenyang Japanese Society.

### Overview

#### Shenyang Furukawa Cable Co., Ltd.

Location: Hujadian Dashubu Village, Sujiatun District, Shenyang, P.R. China

Workforce: 400 employees (including 4 Japanese)

Website: <http://www.sf-cable.com>

Inquiries: Administration and Personnel Management Department

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#### History

Established as Shenyang Furukawa Cable Co., Ltd. in 1995 in a joint venture between Furukawa Electric Co., Ltd., Shenyang Cable Co., Ltd., and Itochu Corporation; became a wholly owned company in 2003 through full capital participation by Furukawa Electric Co., Ltd., and in 2006 celebrated ten years of operation, which continues to this day.

Business includes the manufacturing and sales of ultra-high voltage cables above 66 kV and mechanical parts such as joints, construction work for cable joints and supportive services for cabling technology.



Switched from coal boilers to heat pump equipment for heating and preventing atmospheric pollution



Environmental education toward obtaining ISO 14001 certification

## Initiatives at Thai Furukawa Unicomm Engineering



### Donations to the Local Community

Thailand is a Buddhist country in which donating to those in need and making offerings to temples are deeply rooted in daily life as right action.

While Thai Furukawa Unicomm Engineering had also been making donations to the local community every August to commemorate the anniversary of its foundation, today it has moved beyond offering cash donations in order to construct facilities such as for child welfare institutions and public schools that do not have sufficient funding for implementing their improvement plans.

In 2008 we contributed to four projects: installing playground equipment at a child welfare institution; laying tiles in a school auditorium; installing toilets and a hand-washing station for tooth brushing at a school and donating computers for occupational training to a juvenile correction facility.

Donations are determined each year in June by an employee committee to review recipients and program content. We also conduct site visits to encourage personal interaction, which we believe adds an element of employee education to our social contribution activities.

### Overview

#### Thai Furukawa Unicomm Engineering Co., Ltd.

Location: 68Moo-5, Soi Sangsri, Phayasuren Road, Bangchan Khlongsamwa, Bangkok, Thailand

Establishment: 1983

Business: Construction of telecommunication facilities

Workforce: 143 employees

Website: <http://www.tfu.co.th/>



Children at the Rangsit Baby Foundation



Installed playground equipment

## Initiatives at Tembaga Mulia Semanan



### Measures against Influenza

Over the past two years, we organized six, two-session seminars on avian influenza for all employees. Executives above the unit manager level are deepening their understanding by receiving explanations of draft documents for countermeasures and business continuity plans (BCP) during Management Committee meetings and other discussions. We held joint conferences with other Furukawa Electric Group companies to review countermeasures presented by each company. The head office also dispatched employees responsible for avian influenza countermeasures and contracted with doctors twice to provide support.

As of May 20, 2009, we have been monitoring the body temperature of all employees every Monday at the entrance to our plant. We ask that everyone entering the Company wash their hands with alcohol on a daily basis. We have also placed alcohol-based disinfectants at major indoor locations to encourage daily hand washing and strongly suggest doing so before lunch. These measures are conducted in line with the document for countermeasures for avian influenza and were launched on the day a Phase 4 alert was declared by

the WHO for the pandemic influenza virus. We also maintain a stock of masks, soap and gloves.

### Overview

#### P.T. Tembaga Mulia Semanan

Location: Jalan Daan Mogot. KM. 16, Desa Semanan P.O. Box 31/JKT, Jakarta-Barat, Indonesia

Establishment: 1977

Business: Manufacturing copper and aluminum wires

Workforce: 320 employees



Seminar on avian influenza