

CSR Report of Nagano Plant

Total site area: 24,800 m²
Number of employees: 193 (as of May 2010)
Location: 548 Yoshida, Takamori-cho, Shimoina-gun, Nagano 399-3102, JAPAN
Technical Contact: Plant Control Section
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Message from the General Manager



Noboru Maezawa

Opened in 1961, the Yokohama Rubber Nagano Plant is located in the town of Takamori in Nagano prefecture, surrounded by the lush natural environment of the southern and central alps. Ours is the only plant in the Yokohama Rubber Group to specialize in metal products, and we are fully equipped with an extensive range of machine tools including multi-spindle automatic lathes and NC lathes. The Nagano Plant supplies key production components such as hydraulic hose fittings, auto hose fittings and self-sealing coupling assemblies to Yokohama

Rubber production plants at home and abroad as well as to a select roster of domestic clients.

On the environment front, we are pursuing a variety of initiatives in our quest to become a top-level environmentally responsible enterprise in line with the objectives of GD100, the medium-term management plan of the Yokohama Rubber Group. For instance, we are promoting recycling and reuse, in particular by recycling all metal scraps generated during machining

processes; we have reduced the energy consumption levels of machine tools and equipment; and our entire workforce is committed to reducing energy usage in the fight against global warming.

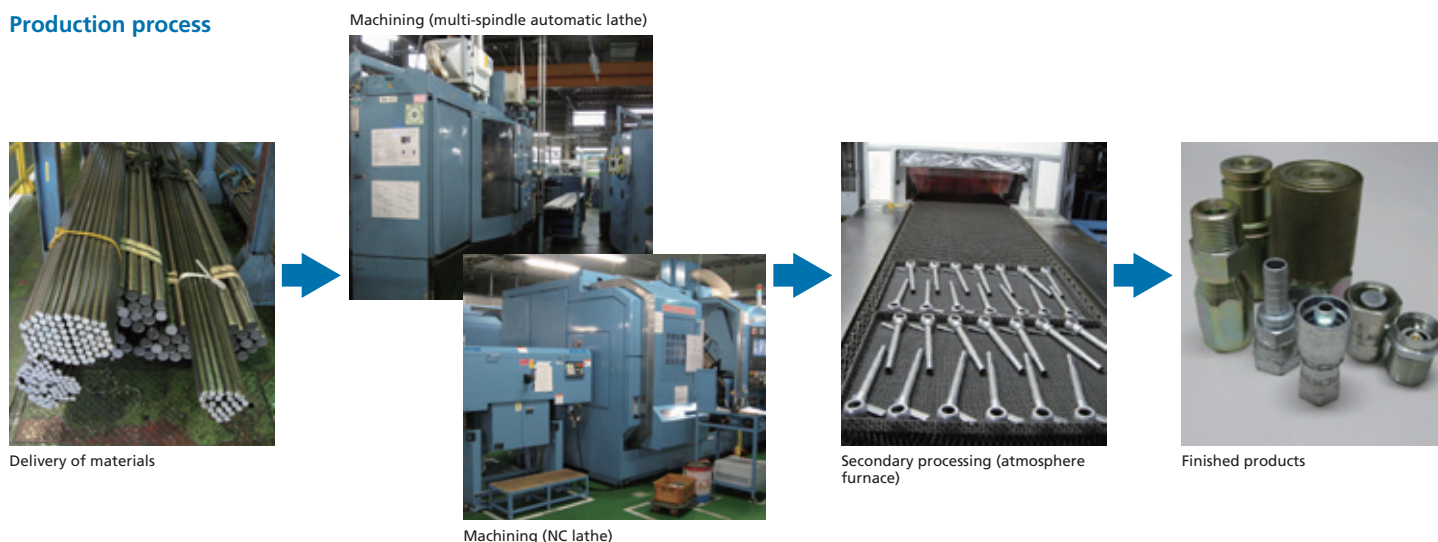
As part of our efforts to engage with the local community, this year we are staging the third phase of planting in the YOKOHAMA Forever Forest, which is now firmly established in the region. We have been working to promote the project recently, through a Forever Forest presentation to a local association of business owners and guided tours of the facility for local elementary school students.

During FY2010 we will strive to strengthen our ties in the local area by cultivating opportunities to promote our environmental credentials, such as the Environmental Picnic campaign to clean up the Tenryu River and hands-on work experience sessions for junior and senior high school students. In this way, the Nagano Plant seeks to make a genuine contribution to the environment that gives a sense of united purpose to employees, their families and local residents.

Main products and production processes

Couplings for hydraulic hose, automotive hose and power steering hose

Production process



Environmental Initiatives

Environmental Policy in FY 2010

Yokohama Rubber asserts world-class strengths in technologies for protecting the environment

- (1) The Nagano Plant works on reducing environmental impacts at all stages, from production to waste recycling/handling.
- (2) In order to remain a plant that is trusted, we endeavor continuously to prevent environmental pollution and improve environment.
- (3) We promote means to combat global warming, save energy and reduce waste.
- (4) We observe environment-related laws and regulations applicable to the plant, and other agreement into which we have entered.

- (5) We have identified environmental purposes, set targets, and are working on them systematically to achieve the purposes/targets of related departments, which are reviewed once a year.
- (6) We educate and enlighten all our employees and individuals so that they fully understand this environmental plan, and to improve their own awareness and actions.
- (7) In carrying out our activities to contribute to the local community, we emphasize dialogue with local residents.
- (8) Our environmental policies are available to the public on request.

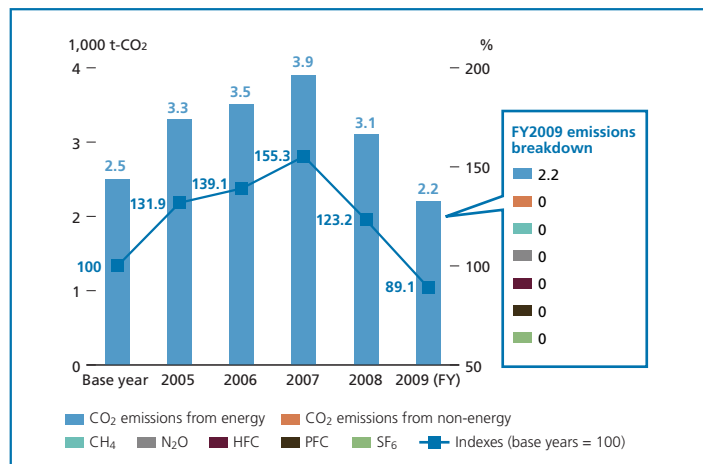
Environmental Initiatives

PRTR substances

There was no substance requiring reporting under the PRTR Law in FY2008.

Combined greenhouse gas emissions and their indices (base years = 100)

Drop in emissions attributed to changes to product categories in FY2007.



* Base year is defined as 1990 except for HFC, PFC and SF₆, where the base year is 1995 as per the Kyoto Protocol.
 * Greenhouse gases (GHG) calculated in accordance with the Calculation and Reporting Manual for Greenhouse Gas Emissions (Ministry of the Environment, Ministry of the Economy, Trade and Industry). Note that GHG emissions associated with purchased power in FY2009 were calculated using the table of Emission Coefficients by Power Company (Ministry of the Environment). Calorific heating values and emission coefficients have been revised in accordance with March 31, 2010 amendments to the Act on the Promotion of Global Warming Countermeasures.

Air-quality-related data (major facilities)

Incinerators were phased out in January 2000.

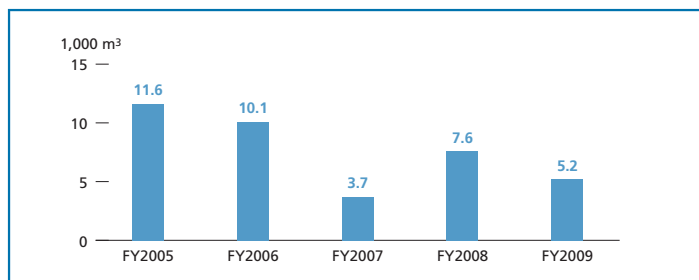
Air-quality-related data (major facilities)

Drain	Substance	Regulation	Self-imposed control value	FY2009 result		
				Average	Maximum	Minimum
Nagano Plant	PH	5.8 - 8.6	—	6.9	7.3	6.4
	BOD density (mg/l)	160	22	11	15	6.9
	COD density (mg/l)	160	25	14	22	6.2
	SS density (mg/l)	200	—	10.8	12	9.6
	Oil density (mg/l)	5	—	—	—	—

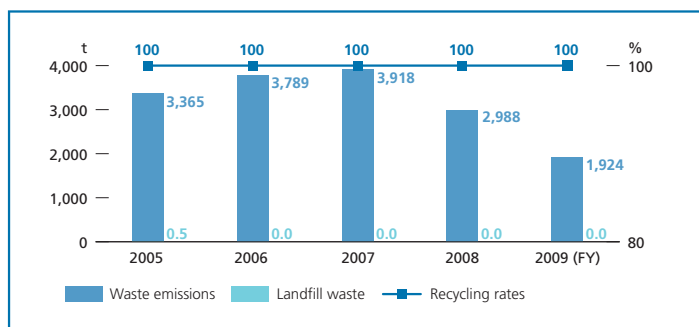
* Not subject to regulatory values (voluntary measurements and management at least twice a year).
 Regulatory values are based on the Nagano Prefectural regulations.
 Again no violations of regulations in FY2009.

* Self-imposed control values are set and managed only for BOD and COD density.

Use of water



Waste output



Safety Initiatives

Safety Policy in FY2010

Basic policy

We believe that health and safety is of fundamental importance and is inextricably linked to our corporate operations. By galvanizing our employees and affiliated staff under the leadership of managers and supervisors, we will work to prevent workplace incidents and create a safe, healthy and pleasant workplace.

Health and safety policy

- All employees and affiliated staff members are expected to assign top priority to health and safety above all else. We strive to promote health and safety predicated on the participation, involvement and cooperation of employees and managers of every rank and level.
 - All workers shall observe the rules of the workplace and implement safe work practices.
 - Managers and supervisors shall take responsibility for ensuring the safety of employees, and shall not allow unsafe conditions and practices to pass unnoticed; shall act as models of safe behaviors and practices; and shall have a thorough appreciation of conditions in the workplace, including materials and equipment status.
- We are committed to compliance with all health and safety legislation and government directives.
- We identify and eliminate latent hazards associated with work procedures and equipment under the Occupational Safety and Health Management System (OSHMS), using the PDCA cycle to reduce risks on an ongoing basis.
- We promote the 2 S's and the principle that a neat and tidy work area is fundamental to health and safety.
- We provide all employees and affiliated staff with training sessions and drills designed to instill an appreciation for the importance of health and safety.
- We strive to create a safe and comfortable workplace environment and promote the health of our employees.
- As a member of the automobile industry, we are dedicated to the cause of reducing traffic accidents.

Environmental incident response

Oil spill emergency response drill

Emergency response drills based on the scenario of an oil spill were held on June 18 and 25, 2009 for 28 participants.



Oil spill emergency response drill

First aid training

First aid training sessions were held on October 2 and 5, 2009 for 180 participants.



First aid session on using AED equipment

Environment training sessions

Environment training sessions were held on June 9, 17 and 24, 2009 for 180 participants.



Environment training session

Engaging with local communities

Key activities and programs

Clean-up days

In June 2009, 32 employees took part in an Environment Picnic clean-up day on the Tenryu River organized by the Tenryu River organized by the Nagano Techno Foundation.



Employees help to clean up the riverbed of the Tenryu River

Blood donation

In April 2010, 58 employees donated blood as part of an ongoing blood donation campaign.



Donation truck

Factory tours

In February 2010, we welcomed 50 students from a local high school for a factory tour organized by the Employment Security Office. In May 2010, we hosted 130 Year 5 students from Takamori Minami Elementary school who were clearly fascinated by the presentation on manufacturing.



The high school students had many questions



The elementary school students were enthralled

CSR study session

In March 2010, the Nagano Plant hosted 25 business owners and managers from Nagano prefecture for a CSR study session organized by the Employers' Association of Nagano. The session included presentations on CSR initiatives such as paperless office procedures instituted by female staff.



Participants inspecting the CSR display panels

Sporting events

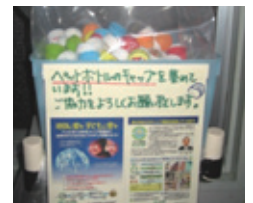
Twenty-five employees took part in the Softball Championship of the Precision Machine Industry Association and another ten in the Friendship Softball Games for Workers. Both events took place in June 2009.



Softball championship

Environmental ISO study session

In June 2009, the Nagano Plant joined in a number of local campaign events for Environment Day, including Don't Take the Car, Turn Down the Lights and No Plastic Shopping Bags. We are also collecting designated plastic bottle caps for recycling.



Bottle cap collection



The second stage of planting in the YOKOHAMA Forever Forest project was held in May 2009. Around 190 employees and their families planted a total of 1,043 seedlings.

Employee perspective: Yoshito Matsushita

By participating with family and friends my interest in the environment has grown, which, I feel, is one step toward environmental protection. It was because of the difficulties we faced when tilling the soil and raising seedlings from acorns that we were able to have a successful tree-planting event.

From the Project Office: Yuukoh Ohdaira

The Nagano Plant stands on an elevated plateau to the west of the Tenryu River in the south of the Shinshu region. The area has many slopes and bamboo thickets and is not really ideal for tree planting. Nevertheless, our employees have dedicated their precious time to preparations for the Forever Forest project such as cultivating seedlings and getting the ground ready for planting. It's hard work, but there is a tremendous sense of accomplishment to be had from raising your own seedlings and planting them in soil you have prepared yourself. When we think of the seedlings in five or ten years' time, we know that our forest is helping to make a genuine contribution to the global environment.

