

CSR Report of Mishima Plant

Main products : Tires for passenger cars, racecars and light trucks

Total site area : 112,000 m²

Number of employees : 547 (as of June 2009)

Location : 8-1 Minami-Futsuka-machi, Mishima-shi, Shizuoka

411-0832, Japan

Tel: +81-55-975-0800



Message from the General Manager



Masaki Noro

The Mishima Plant is located amid natural surroundings in an area where Mt. Fuji soars on the north side of the plant and the Izu Peninsula lies to the south. The plant produces primarily tires for passenger cars. In order to reduce adverse environmental consequences, we put top priority on reducing industrial waste and greenhouse gas emissions, and focus in our daily activities on improvements to the production process and avoiding wasteful use of energy. In order to be a plant welcome in Mishima City, a city that has declared its commitment to advanced environmental and

dietary education, we have promoted communications with people in local communities and municipal administrations. As part of the companywide "YOKOHAMA Forever Forest" project, we had a tree-planting ceremony in June 2008 with the participation of local residents. We also accepted more than 1,700 visitors to the plant in FY2008, including plant tours for students from local elementary schools, and hands-on classes for junior- and high-school students. As part of our effort to improve employees' environmental awareness, we encourage them to take "eco" certification exams, and participate in community clean-ups (cleaning rivers and the area around the plant) and the "Ecocap Movement" (collecting PET-bottle caps). To support the city's efforts on dietary education and creation of "family time," we designated a day when all employees leave the office/plant at the

same time. By promoting and expanding these activities, we are striving to be a plant contributing to environmental improvement, dietary education and regional development.

Environmental Policy in FY2009

- (1) To exert world-class strengths in technologies for protecting the environment, the Mishima Plant of Yokohama Rubber works toward environment-friendly measures in all business activities.
- (2) In order to be a plant that is trusted, loved and bright, we work to improve our environmental management, and endeavor continuously to prevent environmental pollution and improve the environment.
- (3) We promote resource and energy conservation as means to combat global warming and to protect resources. In addition, resources are more effectively used by separating waste by type, and we continue our efforts for zero emissions, that is, to reduce landfill waste.
- (4) We observe applicable laws and regulations, and agreements on environmental preservation.
- (5) We have defined an environmental purpose, set environmental targets, and are working on them systematically. We review the policy, purpose and targets regularly and revise them when necessary.
- (6) We educate and enlighten all employees at the plant so that they thoroughly understand the policy and act accordingly.
- (7) Respecting the "water and greenery and culture" of Mishima City – an environmentally advanced city – we actively work to create a "Forever Forest," a project of Yokohama Rubber, and emphasize dialogue with ministries, agencies, and local residents.
- (8) This commitment has been declared to the public.

Major Interational Activities with the Local Community

Participating in Regional Clean-ups

A total of 72 employees participated in regional clean-up activities, including a "Volunteer Activity to Clean Rivers in Mishima" organized by the Mishima Environmental Preservation Council in May, "Cleaning Seseragi Routes" in June, and "Cleaning the Riverbed of the Oba River" in October, in addition to routine cleaning of the Oba, Goten and Sakura Rivers near the plant.

Opening Plant Facilities to the Public

In October 2008, the gymnasium was open to the Shizuoka Liaison Conference of Offices Supporting the Severely Handicapped, for its exchange gathering. In FY2008, the plant ground and the gymnasium were used by a cumulative 692 non-company people.

Plant Tours and Interns from High Schools

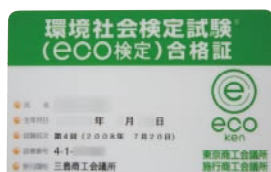
As part of our efforts to support education, we also accept students from local elementary and junior high schools for plant tours and student interns from local high schools. In FY2008, we hosted plant tours for local residents 86 times, for 1,654 visitors.



Employees cleaning the Oba River (right) and the Sakura River Local residents at the gymnasium

Response to Environmental Risks

In order to acquire basic knowledge and a wider perspective on environmental issues and improve their environmental awareness, employees are encouraged to take the Certification Test for Environmental Specialists (known as the "eco test"). In FY2008, 24 passed the test, bringing the total number of certified employees to 35.



Recognition of Contributions to the Environment and Society

In October 2008, employees participated in a competition sponsored by the Mishima Fire Protection Association, in handling outdoor fire extinguishers and hydrants and indoor fire extinguishers, and won. Another employee team also received fighting-spirit awards.



Employees with certificates of commendation and plaque

The "YOKOHAMA Forever Forest" project is creating forests by planting a total of 500,000 trees at production sites in Japan and around the world in anticipation of the company's 100th anniversary in 2017. Started with a tree-planting ceremony at the Hiratsuka Factory in November 2007, the project is now fully underway.



- June 2008: First-Phase Tree-Planting Ceremony (610 participants; 8,800 trees planted)
- October 2009 (planned) : Second-Phase Tree Planting Ceremony

Environmental Data

PRTR substances

(Unit: tons/year)

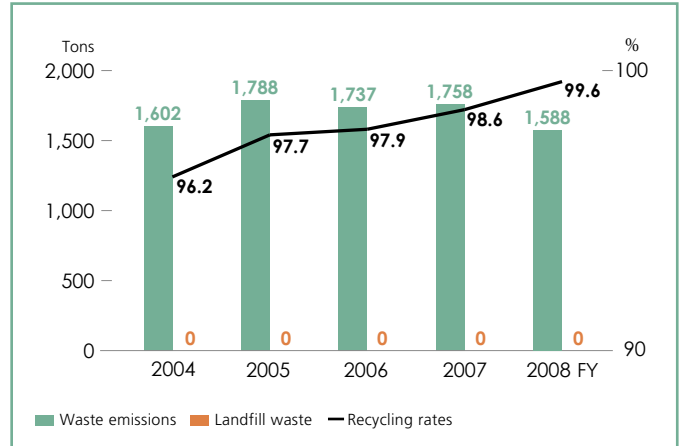
Designated No.	Specified chemical substance	Amount to treat ^{*1}	Emission ^{*2}	Transfer ^{*3}	Safety Evaluation: VII-2			
					Toxicity Rank (effect on people)	Annual Converted Emissions (effect on people)	Toxicity Rank (effect on ecosystem)	Annual Converted Emissions (effect on ecosystem)
115	N-cyclohexyl-2-benzothiazolesulfenamide	240	0	1.2	D	0	A	0
282	N-(tert-butyl)-2-benzothiazolesulfenamide	120	0	0.6	D	0	A	0
198	Hexamethylenetetramine	22	0	0.11	C	0	D	0
266	Phenol	10	0	0.053	A	0	B	0
63	Xylene	1.3	1.3	0	C	13	A	1300
	Total	393	1.3	2.0		13		1300

*1: Amounts of 1 ton or more are listed. As for substances designated as Class 1 Specified Chemicals such as benzene, amounts of 0.5 tons or more are listed.

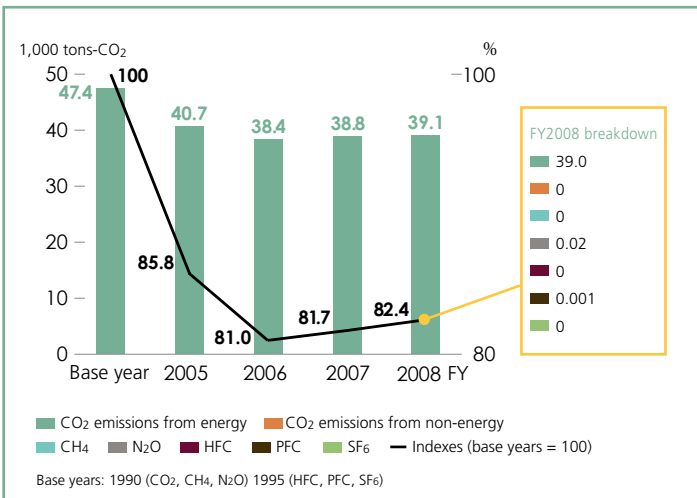
*2: Emission = Air + public water + soil

*3: Transfer = Waste + public sewage

Waste emissions, landfill disposal and recycling rates



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



Air-quality-related data (major facilities)

Facility	Substance	Regulation	Self-imposed control value	FY2008 result		
				Average	Maximum	Minimum
Mishima Plant Cogeneration	Nitrogen oxide density (ppm)	150	50	16	18	14
	Soot and dusts density (g/m ³ N)	0.1	0.03	Less than 0.001	Less than 0.001	Less than 0.001
Mishima Plant Boiler	Nitrogen oxide density (ppm)	150	100	33	34	32
	Soot and dusts density (g/m ³ N)	0.1	0.05	0.002	0.002	Less than 0.001

*According to the Air Pollution Prevention Law and instruction values set by Mishima City. Again no violations of regulations in FY2008.

Water-quality-related data (major facilities)

Drain	Substance	Regulation	Self-imposed control value	FY2008 result		
				Average	Maximum	Minimum
Mishima Plant	PH	*5.8~8.6	6.2~8.2	7.8	8.2	7.4
	BOD density (mg/l)	15	8	1.6	6.3	Less than 0.5
	COD density (mg/l)	*120	60	2.2	8.3	0.9
	SS density (mg/l)	20	15	1.6	7.0	Less than 1
	Oil density (mg/l)	2	1.5	Less than 1	Less than 1	Less than 1

*Agreement on Environmental Protection with Mishima City; Star marks are according to the Water Pollution Prevention Law. Again no violations of regulations in FY2008.