

Omi Plant

Profile

Address: 2209 Omi, Itoigawa, Niigata

Telephone: +81-25-562-6105

Employees: 833 (as of March 31, 2010)

Major products: Inorganic materials: Cement, special cement additives, calcium carbide, lime, calcium cyanamide and ALSEN (alumina fiber)

Organic materials: Chloroprene rubber, DENKA POVAL and monosilane

Pharmaceuticals: High molecular hyaluronan

Operations: Since our establishment in 1921, we have maintained unique carbide chemical operations that exploit abundant in-house assets. These include Mount Kurohime, with its five billion metric tons of limestone reserves, and an in-house hydro-power generation capacity of 180,000kW. Our broad product range includes calcium cyanamide, chloroprene rubber and cement. In recent years, we have diversified into inorganic fine chemicals and pharmaceuticals. We continue to develop our business to meet new and diverse challenges in chemicals.



CSR Policies

General Manager Policies

Backed by the confidence of individuals in their work, we aim to create a vibrant workplace.

<Safety> Each employee is responsible for their safety, security and health as they strive to build a cheerful work environment.

<Environment> Fully aware of our target to become a "manufacturing company that secures persistent trust," we will engage in RC activities.

<Quality> Aiming to secure and improve quality from customers' point of view.



Akihiko Okuda
Executive Officer,
General Manager of
Omi Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

● Communication with local societies

We periodically report on our corporate activities to residents in local communities and the representatives of the various organizations that we work with. In addition to introducing environmental and security initiatives, we hear their requests and expectations and strive to reflect them in our future plant operations.

● Local cleaning activity

We are proactively involved in local clean-up projects, including of the Omi Beach area's Lavender Beach as well as along the Omi river and roads around the Plant.



Cleaning up Lavender Beach on September 7

● Local disaster prevention activity

Aiming to reinforce collaboration with local municipalities in responding to disasters and to fully prepare the disaster prevention system inside the Plant, we conduct fire drills on a routine basis. During fiscal 2009, we participated in a combined emergency drill conducted by the Itoigawa City fire companies (June 7), a comprehensive fire drill conducted at Himekawa Port (September 29), and a comprehensive fire drill at the Plant (July 22).

● Blood donation activity

Given the substantial drop in the stock of blood products due to the spread of new-type influenza, we responded to the request from the Japan Red Cross Niigata Blood Center to donate blood. In fiscal 2009, 200 employees donated blood.

Fiscal 2010 Initiatives

● On March 8, 2010, we acquired certification for our occupational safety and health management system (OSHMS) from the Japan Industrial Safety & Health Association. We will further strengthen our safety standards to ensure continued plant safety.

● We achieved zero emissions by reducing the amount of landfill waste. Spurred by this success, we will further cut harmful substances to improve our local environment. In addition, we will continue to build trust through the careful consideration of dialogue with local communities.

● In pursuit of low-carbon society, we will promote the reduction of greenhouse gas emissions to prevent global warming.

● We will maintain product safety and enhance and stabilize production processes to meet customer needs.

Environmental Performance

Item	Units	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 targets
Energy consumption indicator unit	Compared with fiscal 1990	0.95	0.95	0.94	0.93
CO ₂ emissions (from energy sources)	10,000 t	104	93	76	76
PRTR substance emissions	t	43	17	16	7
NOx emissions	t	4,220	3,870	3,030	3,070
SOx emissions	t	1,510	1,340	740	39
Soot and dust emissions	t	137	108	140	112
Water used	1,000m ³	69,100	66,800	64,700	—
COD-BOD discharges	t	1,600	964	1,100	1,090
Waste	t	79,900	82,800	74,700	76,300
Final waste disposal	t	1,470	2,330	240	277

Note: Totals of individual figures in this and other tables may not be exact because we rounded down fractions. The totals for this table match the figures in the Input and Output section on CSR Report 2010 p. 16. We registered under the Japan government's pilot emissions trading scheme in December 2008, so for CSR Report 2009 we calculated energy intensity and CO₂ emissions based on the coefficients standards of the voluntary action plan of Nippon Keidanren, recalculating figures for previous reports, which we had based on the coefficients of the amended Law Concerning the Rational Use of Energy.

Omuta Plant

Profile

Address: Shinkai-Machi 1, Omuta, Fukuoka

Telephone: +81-944-52-1055

Employees: 467 (as of March 31, 2010)

Major products: Inorganic materials: Carbide, calcium cyanamide, FIRELEN, alumina cement (for refractories) and special cement additives

Organic materials: DENKA BLACK

Electronic materials: Fused silica filler, silicon nitride, boron nitride, aluminum nitride, ceramic electronic circuit substrates and thermally conductive sheets

Operations: This facility is the oldest of DENKA's plants. It started operations in 1916, one year after the Company's founding, producing calcium carbide and calcium cyanamide. Since then, the plant has introduced diverse innovative inorganic chemical products based on its proprietary electric furnace, high-temperature control and nitride technologies. In recent years, we entered the fine ceramics and electronic materials fields. We contribute to the development of the electronics, automotive and numerous other industries.



CSR Policies

General Manager Policies

Addressing objectives that will lead to enhanced product quality and a strengthened workplace system, we strive to reinforce our operational foundations. We will also aim to facilitate the development and early commercialization of new products for further growth.

Environmental, Safety and Quality Policies

(1) Maintain Safety, Health and Security (Labor Safety, Health and Disaster Prevention)

Developing a safety-oriented work environment to achieve zero disasters and accidents, we will pursue a cheerful and vibrant workplace by securing safety, security and health.

(2) Further Pursuing RC activities (Environmental Burden Reduction, Safety Logistics, Chemicals and Product Safety, and Dialogue with Society)

While engaging in production activities extending from raw materials procurement and manufacturing to storage, distribution and disposal, each employee will act with concern for improving the global environment. With this in mind, we will also strive to contribute to society, including local communities.

We will set up objectives based on the LCA data of each product and promote the reduction of CO₂ emissions. Furthermore, we will make every effort to achieve zero emissions by cutting the waste generation and the amount of landfill waste.

(3) Reinforcement of On-Site Capabilities—Better Customer Satisfaction

Without compromising the basic principles of manufacturing, we will establish a stable production structure underpinned by consistent quality, a reduction in the number of defective products and enhanced yields based on quality in process. Furthermore, we will aim to achieve better customer satisfaction by building a reliable quality assurance system for users.

(4) Achieving DS09 Targets—Further Growth

Attaining the initial target for the balance of payments aimed for in DENKA 100, we will strive to improve productivity and reduce costs. Together with this, we will promote new product development to realize early commercialization.



Shohei Tamaki
Executive Officer,
General Manager of
Omuta Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

● Comprehensive fire drill

Based on the scenario of a fire in the plant, we conducted a comprehensive fire drill that included issuing an emergency alert, evacuating and extinguishing a fire jointly with the Omuta City Fire Fighting Head Office. We will continue to secure smooth communication with relevant authorities, reinforce our disaster prevention systems and improve the environment of the local community.

● Communications with local society

We participated in a summer festival, became a joint volunteer in

local area cleanups and held a chemistry class for children (for details, see p34-35).

Fiscal 2010 Initiatives

● In addition to labor safety and health as well as environmental preservation activities, we implemented a PDCA cycle logistics safety, product safety and dialogue with society. By doing so, we will realize a safer and more secure plant for employees and local society.

● We will strive to achieve zero emissions by promoting the reduction of environmental burdens, including that of industrial waste.

Environmental Performance

Item	Units	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 targets
Energy consumption indicator unit	Compared with fiscal 1990	0.91	0.92	0.92	0.90
CO ₂ emissions (from energy sources)	10,000 t	12	11	9	10
PRTR substance emissions	t	8	6	6	6
NOx emissions	t	1,160	770	1,000	1,080
SOx emissions	t	2	1	2	1
Soot and dust emissions	t	4	5	3	4
Water used	1,000m ³	1,300	1,308	1,190	—
COD-BOD discharges	t	1	1	1	1
Waste	t	8,980	9,770	6,860	7,020
Final waste disposal	t	1,190	420	133	66

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Chiba Plant

Profile

Address: 6, Goi-Minamikaigan, Ichihara, Chiba

Telephone: +81-436-26-3200

Bibai Subplant: 1-1 Higashi-Gojo-kita, 10-chome, Bibai, Hokkaido

Telephone: +81-126-62-1444

Employees: 455 (as of March 31, 2010)

Major products: Organic materials: Styrene monomer, polystyrene,* ABS resin, transparent resins, heat resistance resins, CLEAREN styrene-butadiene block copolymer, vinyl acetate monomer and DENKA ER

* Product of an affiliated company

Plastic products: Food packaging, construction materials and vinyl tape

Operations: This facility is one of Japan's top styrene monomer plants, and is reinforcing such styrene operations as polystyrene and ABS resins. While reinforcing petrochemical-related businesses, it also focuses on such functional plastic products as transparent plastic and CLEAREN DENKA ER and plastic processed products.



CSR Policies

General Manager Policies

In conjunction with DENKA 100 (a management plan with goals to be achieved on the Company's 100th anniversary in 2015), we commenced CHIBA 50 activities to commemorate the Chiba Plant's 50th anniversary, which falls five years later, and to set growth goals for the next 50 years. Under the latter initiative, we aim to drastically change in pursuit of sustainable development.

1. Attaining zero accidents through continuing efforts aimed at ensuring safe and stable operations
2. Reviewing, studying and developing new fundamental businesses for the next 50 years
3. Reinforcing organizational foundation through human resource development and technological training programs
4. Strengthening and restructuring existing businesses through the improvement of productivity and quality (in process) as well as through technological innovation
5. Fulfilling CSR through legal compliance, environment-conscious operations and energy conservation

Environmental, Safety, and Quality Policies

<Environment> We will consider the environment in all processes, from product development, manufacturing and distribution to usage, final consumption and disposal. We will build an environmental management system.

<Safety> We want all plant workers to recognize the importance of maintaining a safe and healthy workplace. We aim to achieve a healthy, safe and cheerful manufacturing plant that fully recognizes and implements necessary security management systems as a license holder for high-pressure gas handling, boiler handling and first-class pressure vessel handling, while complying with relevant laws and regulations. We will achieve zero accidents through continuing system improvement for security management as well as safety and health management, both of which are essential to a healthy, safe and cheerful workplace, while implementing safe and stable operations.

<Quality> We will strive to secure and enhance product quality to gain the trust of customers by consistently offering satisfying products.



Shotaro Fujii
Senior Executive Officer,
General Manager of
Chiba Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

Security and Disaster Prevention

We participated in the Goi and Anegasaki Joint Safety Expert Committee and introduced our security, disaster prevention and safety activities at the Chiba Plant; our male employees received the third prize in their category in the early fire extinguishing competition with equipment held jointly by the Ichihara Association for Safety of Hazardous Materials and the Ichihara Fire Prevention Association; we received a prize for the stability of our operations from the Japan Petrochemical Industry Association; and an employee received an award for the excellent handling of hazardous materials from the Ichihara Association for Safety of Hazardous Materials.

Occupational Safety

We had a screening to renew the certification of the Occupational Health and Safety Assessment Series (OHSAS). With the aim of enhancing employees' health, we performed examinations to determine the physical age of employees in cooperation with the Chiba City Sport Promotion Section. In addition, we arranged mental health lecture presentations by industrial physicians as well as counseling at physical check-ups. Owing to such efforts, we received the Excellent Worker Award (Individual) from the Chiba Federation of Labor Standards Associations.

Community Engagement

As a member of the Environmental Conservation Association of Chiba Prefecture, we conducted environmental awareness-raising activities at the Eco Fair Ichihara. During

Environment Month, we conducted a plant tour for local elementary school students, cleaned up the stretch of National Route 16 that runs in front of the plant and opened a stall at the Goi Rinkai Festival.

Social Contributions

As a member of the Ichihara Area Safe Driving Management Association, we instructed employees on issues related to traffic safety and participated in a seatbelt campaign during Traffic Safety Week. We also gave a presentation on the traffic safety activities conducted in the Chiba Plant to the Ichihara Traffic Safety Association.

Fiscal 2010 Initiatives

Given the Plant's 50th anniversary five years from now, we are engaging in CSR activities with an eye toward the next 50 years of operations.

We will make efficient use of our security management, ISO 9001, ISO 14001 and OHSAS 18001 systems to enhance security, quality, the environment and occupational safety and health. By doing so, we will proactively and consistently improve our business operations. We will collaborate with government bodies, other companies and local residents to maintain security and prevent disasters as an industrial complex. We will engage more with the community and take steps to build trust.

Environmental Performance

Item	Units	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 targets
Energy consumption indicator unit	Compared with fiscal 1990	0.85	0.93	0.84	0.83
CO ₂ emissions (from energy sources)	10,000 t	51	37	44	46
PRTR substance emissions	t	153	120	109	88
NOx emissions	t	508	355	436	426
SOx emissions	t	209	76	116	86
Spot and dust emissions	t	8	3	5	6
Water used	1,000m ³	9,730	9,690	9,700	—
COD · BOD discharges	t	24	22	17	20
Waste	t	22,000	15,400	17,400	16,900
Final waste disposal	t	211	124	98	111

Note: Totals of individual figures in this and other tables may not be exact because we rounded down fractions. The totals for this table match the figures in the Input and Output section on CSR Report 2010 p. 16.

We registered under the Japan government's pilot emissions trading scheme in December 2008, so for CSR Report 2009 we calculated energy intensity and CO₂ emissions based on the coefficients standards of the voluntary action plan of Nippon Keidanren, recalculating figures for previous reports, which we had based on the coefficients of the amended Law Concerning the Rational Use of Energy.

Shibukawa Plant

Profile

Address: 1135 Nakamura, Shibukawa, Gunma

Telephone: +81- 279-25-2109

Employees: 230 (as of March 31, 2010)

Major products: Electronic materials : Thermally conductive materials, HARDLOC and HARDLOC OP/UV adhesives, DENKA HITPLATE high thermal-conductivity aluminum substrates, DENKA LaB6 CATHODE electron and ion emitters, ELEGRIP dicing tape, back grinding tape, THERMALLY CONDUCTIVE SHEETS, ELETHERMAL

Operations: This Plant started operations in 1951 to produce general-purpose chemical products. From 1976, it started making fine chemical products, such as structural adhesives and electronic materials. In 2005, it completed a facility for electronic materials to enter the highly promising electronics field. Our expertise with raw materials technology has enabled us to create diverse electronic raw materials that have won solid reputations for helping to conserve energy and reduce environmental impact.



CSR Policies

General Manager Policies

Further accelerating efforts to become a plant that conducts appropriate operations for the electronic materials business

Key phrase: Pursuing sound production technologies and accelerating efforts to solve issues

<General Manager Basic Policies>

1. Undertake safety activities focused on risk management. (Zero accidents, such as explosions and fires; zero work-related disasters; zero work-related illnesses)
2. Attaining technological goals in the final year of DS09 and to improve productivity at the Shibukawa Plant as well as accelerating product launches
3. Expanding the curriculum at the Shibukawa techno-school and strengthening on-site capabilities among coworkers

Environmental, Safety and Quality Policies

<Environment> We aim to become a manufacturing company that gains trust by protecting the environment and ensuring safety. We are endeavoring to sustainably reduce environmental impact by cutting resource use, energy consumption, CO₂ emissions, waste generation and the amount of final disposal while reducing and carefully managing chemical substances and their emissions. We also aim to operate in harmony with the community.

<Safety> With the slogans "eliminating action-related disasters" and "constant implementation of risk prediction," we will strive to secure safe plant operations by strictly reviewing hazard source measures at each section, promoting measures against human errors and preventing action-related disasters through the thorough implementation of risk prediction before operation.

<Quality> Giving the top priority to the timely provision of reliable products that satisfy customers, we will continue to plan products with consideration for quality, the environment and safety while improving processes.



Kazuyuki Koyama
Executive Officer,
General Manager of
Shibukawa Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

Achieving zero emissions

Through our efforts in waste reduction and the thorough implementation of waste separation, the ratio of emissions became 0.93%, and we thus attained zero emissions (less than 1% emissions).

●Educational session involving simulating danger and training for the safe operation of forklifts
With the aim of eliminating possible serious accidents, such as employees being caught in rollers as well as forklift-related accidents, we conducted educational sessions that involved hands-on training as well as training sessions for the safe operation of forklifts.



Training session for the safe operation of forklifts

Plant Tour

As part of communication activities aimed at ensuring harmony with local society, we periodically hold plant tours. On December 16, 2009, we invited nine representatives of five local community associations. Visitors were surprised by the drastic changes made to the site due to its conversion from a chemical plant to an electronic materials plant. After the plant tour, we exchanged opinions with visitors. Such activities offer good opportunities to deepen understanding and trust, and we will continue to offer plant tours.

Fiscal 2010 Initiatives

We aim to deepen community understanding of the Company and contribute to society by conducting plant tours and experimental science classes for elementary school children in addition to participating in local events.

On the environmental front, we will continue to reduce resource use, energy consumption, CO₂ emissions and chemical substance emissions while further lowering waste generation. By doing so, we aim to maintain our zero emissions status.

Environmental Performance

Item	Units	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 targets
Energy consumption indicator unit	Compared with fiscal 1990	1.00	1.08	0.85	0.82
CO ₂ emissions (from energy sources)	10,000 t	1	1	1	1
PRTR substance emissions	t	5	4	5	5
NOx emissions	t	9	8	6	9
SOx emissions	t	25	23	16	25
Spot and dust emissions	t	1	1	1	1
Water used	1,000m ³	2,700	3,430	2,520	—
COD · BOD discharges	t	3	4	3	3
Waste	t	552	453	503	331
Final waste disposal	t	13	6	5	3

Note: Totals of individual figures in this and other tables may not be exact because we rounded down fractions. The totals for this table match the figures in the Input and Output section on CSR Report 2010 p. 16.

We registered under the Japan government's pilot emissions trading scheme in December 2008, so for CSR Report 2009 we calculated energy intensity and CO₂ emissions based on the coefficients standards of the voluntary action plan of Nippon Keidanren, recalculating figures for previous reports, which we had based on the coefficients of the amended Law Concerning the Rational Use of Energy.

Ofuna Plant

Profile

Address: 13-1, Dai 2-chome, Kamakura, Kanagawa

Telephone: +81- 467-45-1110

Employees: 227 (as of March 31, 2010)

Major products: Resins and plastic products: Including synthetic fibers for wigs, packaging materials, and functional films

Operations: Our product lineup is the fruit of advanced capabilities drawing on ejection molding, adhesion coating and film production technologies. We are DENKA's prime production unit for plastic products. We develop and manufacture such offerings as TOYOKALON synthetic fiber for top global wig and hairpiece brands, packaging tapes that include hand-cuttable and printing tapes, laterally stretched Calalyan Y polyethylene film and polyvinylidene fluoride DX Film.



CSR Policies

General Manager Policies

Philosophy: We aim to contribute to and prosper with the community of Kamakura, which abounds with cultural, historical and environmental legacies.

Goals: We will contribute to the community and corporate progress by making the environment, safety and quality our top priorities.

1. Reduce our environmental footprint by conserving energy and cutting waste.
2. Comprehensively manage safety relating to raw materials, products, logistics and disposal and continue to engage with the community.



Hideo Oishi
Senior Executive Officer,
General Manager of
Ofuna Plant

Environmental, Safety, and Quality Policies

<Environment> 1. Comply with laws and ordinances and enhance environmental awareness
2. Act in line with medium-term environmental plan and improve performance
3. Contribute to the community

<Safety> 1. Deploy full-fledged initiatives that ensure underlying safety
2. Create a vibrant and healthy workplace

<Quality> 1. Continue to improve raw materials, processes and product management to pursue and maintain high quality

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

- We conducted comprehensive emergency drills in preparation for an earthquake.



A comprehensive emergency drill conducted on November 24

- We implemented special training for operating cranes, leading to the building of a structure for "cultivating safety-conscious employees who do not get hurt or cause others to be harmed."
- We conducted complete cleanups of the plant and nearby streets on the third Wednesday of each month.
- We deepened our interactions with local residents by cooperating with the Fujimicho Town Association on the day of the Summer Festival (CSR Report 2010 p. 34-35)

Fiscal 2010 Initiatives

Based on the philosophy, "We aim to contribute to and prosper with the community of Kamakura, which abounds with cultural, historical and environmental legacies," we promote dialog and interaction with the local community. In terms of our activities to reduce waste, we aim to reduce environmental burdens by curbing waste generation through better yields and by improving our emission ratio based on efforts to separate waste.

- We held a Safety Announcement Meeting to raise safety consciousness.

Environmental Performance

Item	Units	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 targets
Energy consumption indicator unit	Compared with fiscal 2002	0.81	0.80	0.94	0.70
CO ₂ emissions (from energy sources)	10,000 t	1	1	1	1
PRTR substance emissions	t	1	1	1	1
NOx emissions	t	4	2	1	2
SOx emissions	t	0	0	0	0
Spot and dust emissions	t	0	0	0	0
Water used	1,000m ³	71	70	87	—
COD · BOD discharges	t	0	0	0	0
Waste	t	194	211	188	190
Final waste disposal	t	13	22	22	20

Note: Totals of individual figures in this and other tables may not be exact because we rounded down fractions. The totals for this table match the figures in the Input and Output section on CSR Report 2010 p. 16. We registered under the Japan government's pilot emissions trading scheme in December 2008, so for CSR Report 2009 we calculated energy intensity and CO₂ emissions based on the coefficients standards of the voluntary action plan of Nippon Keidanren, recalculating figures for previous reports, which we had based on the coefficients of the amended Law Concerning the Rational Use of Energy.

Isesaki Plant

Profile

Address: Isesaki Plant: 245, Nishigawara, Naganuma-cho, Isesaki, Gunma

Telephone: +81-270-32-1251

Isesaki Plant (Ota): 3015 Serada-cho, Ota, Gunma

Telephone: +81-276-52-4111

Employees: 257 (as of March 31, 2010)

Major products: Electronic materials: DENKA THERMOSHEET EC, DENKA Thermo Film ALS and other carrier tape, trays and cover tape for semiconductor and electronic components processes

Functional materials and plastics: Styrene Sheet, CLEAREN Sheet, and stretch film, Denka DX film used in solar cell module back sheets

Operations: This plant manufactures sheets and films from polystyrene, vinyl chloride and other raw materials. The Ota facility has the greatest production capacity in the Orient for these products. We supply food and electronic packaging materials that meet stringent requirements for performance and quality management, and are endeavoring to bolster our processing technologies while developing value-added offerings.



CSR Policies

General Manager Policies

1. Ensure safety and health.
2. Pursuing ongoing efforts to reach DENKA100 objectives.
3. Improve customer satisfaction.
4. Create products that match changes in the social climate.

Environmental, Safety, and Quality Policies

- <Environment> Conserve energy and resources, ensure distribution safety and proactively preserve the environment
- <Safety> Create a comfortable workplace and ensure that no accidents or disasters occur
- <Quality> Improve quality and swiftly and accurately meet customer needs.



Toshiharu Kano
Executive Officer,
General Manager of
Isesaki Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

● Security and Disaster Preparedness

We hold annual disaster drills at the Isesaki Plant and evening on-call drills at the Ota facility.



Firefighting drills at the Isesaki Plant

● Experiential Training

We held roll-safety education and fork-lift operation refresher courses (CSR Report 2010 p. 31)

● Social Contributions

We are continuing to undertake cleanup activities beyond our facilities. (CSR Report 2010 p. 34-35)

Fiscal 2010 Initiatives

Making it the top priority of the plant to strictly comply with related laws and ordinances based on its ISO 14001 certification, we do our utmost to carry out environmental protection activities. Such activities position waste reduction, energy and resource conservation and distribution safety as major issues. In addition, we reduce waste generation by improving our processing technology. Regarding safety and health, we strive to prevent occupational accidents and facilities mishaps and are pushing ahead with measures to combat lifestyle diseases and mental health-related problems as part of endeavors to create a vibrant and comfortable workplace. Finally, we will continue to undertake beautification activities in areas surrounding our plant.

Environmental Performance

Item	Units	Fiscal 2007	Fiscal 2008	Fiscal 2009	Fiscal 2010 targets
Energy consumption indicator unit	Compared with fiscal 2005	0.99	1.02	0.99	0.96
CO ₂ emissions (from energy sources)	10,000 t	1	2	1	2
PRTR substance emissions	t	0	0	0	0
NOx emissions	t	0	0	0	0
SOx emissions	t	0	0	0	0
Spot and dust emissions	t	0	0	0	0
Water used	1,000m ³	320	326	358	—
COD · BOD discharges	t	0	0	0	0
Waste	t	211	172	169	243
Final waste disposal	t	28	0	12	101

Note: Totals of individual figures in this and other tables may not be exact because we rounded down fractions. The totals for this table match the figures in the Input and Output section on CSR Report 2010 p. 16. We registered under the Japan government's pilot emissions trading scheme in December 2008, so for CSR Report 2009 we calculated energy intensity and CO₂ emissions based on the coefficients standards of the voluntary action plan of Nippon Keidanren, recalculating figures for previous reports, which we had based on the coefficients of the amended Law Concerning the Rational Use of Energy.

Denka Singapore Pte., Ltd.

Denka Singapore Private Limited
Hong Leong Building, 16 Raffles Quay #18-03, Singapore 048581
Telephone: +65-6224-1305

Merbau Plant

Profile

Employees: 30 (as of March 31, 2010)

Operations: The Merbau Plant was DENKA's first production facility in Singapore. We established this plant in 1980 to participate in the Singapore Petrochemicals Complex project. The complex is located on Jurong Island, where we manufacture DENKA BLACK. We began operating our 50% press facility in 1984, upgrading it in 1997. We set up a granulation facility in 2002. Owing to its superior liquid absorption, electrical and thermal conductivity properties and high purity, DENKA BLACK is used worldwide in dry manganese and lithium-ion batteries, power cables and semiconductor packaging materials.



CSR Policies

General Manager Policies

- Occupational safety and health and security and disaster prevention
- Improve quality further for new applications

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

We worked to raise awareness about safety by proactively using videos that analyze accident examples (CSB: U.S. Chemical safety and hazard investigation board). Moreover, we took steps to maintain water quality in light of our environmental activities.

As part of our actions for fiscal 2010, we are voluntarily producing a safety guidance video and holding safety-related competitions. In addition, as a member of the Singapore Petrochemicals Complex, we collaborate with each member company to implement ongoing safety and environmental activities.



Yoshiteru Yamazaki
General Manager of Merbau Plant

Seraya Plant

Profile

Employees: 60 (as of March 31, 2010)

Operations: The Seraya Plant has the world's largest production capacity for styrene resins. Our production lines make general-purpose polystyrene, methyl methacrylate styrene copolymer resin, and CLEAREN styrene-butadiene block copolymer. Our annual production capacity is 300,000 metric tons. We aim to optimize our three facilities, personnel and logistics and have built a structure to minimize costs and enable personnel to maintain operational efficiency.



CSR Policies

General Manager Policies

1. Maintain zero-accident record
 - (1) Reinforce relationships by improving our ability to maintain mutual trust, adherence to rules/procedures and improve emergency responsiveness
 - (2) Acquire and maintain OHSAS18001 certification
 - (3) Reexamine HAZOP
2. Maintain compliance
3. Achieve a better working environment (better adherence to rules, encouraging two-way communication and pursuing our 5S program)
4. Educate employees and strengthen our organization in terms of plant technologies, our efforts to establish a maintenance system and the recruitment of local staff



Kazuya Tokumoto
Deputy Managing Director,
General Manager of Seraya Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

Fiscal 2009 Activities	Fiscal 2010 Initiatives
<p><Using Resources Efficiently> We aim to enhance yields from polystyrene, methyl methacrylate styrene and CLEAREN. We also aim to use waste plant oil as fuel. We were able to cut in half losses associated with starting up and shutting down facilities</p>	<p><Environmental Responsiveness> We aim to completely shift from paper to plastic bags (methyl methacrylate styrene and CLEAREN)</p> 
<p><Safety Initiatives> We bolstered basic education and enhanced employee capabilities by improving education in chemicals, processes and equipment.</p>	<p><Safety Initiatives> We will acquire OSHAS18001 certification We plan to undertake a HAZOP study following operations at our three plants (one plant per year)</p>

DENKA Advantech Pte., Ltd.

Denka Advantech Private Limited
Hong Leong Building, 16 Raffles Quay #18-03, Singapore 048581
Telephone: +65-6224-1305

Tuas Plant

Profile

Employees: 55 (as of March 31, 2010)

Operations: A production plant for the fused silica filler used in semiconductor packaging, the Tuas Plant was established in 1991. To accommodate advances in semiconductor packaging and the trend toward more environmentally friendly products, we specialize in spherical fused silica fillers and are making progress with technological improvements and enhancements to our production system. We are developing as an overseas base that maintains the stable production and supply of products for which we, along with DENKA's Omuta Plant, boast a top share of the world market.



CSR Policies

General Manager Policies

1. Ensure security and safety to keep our zero-accident record
2. Meet our budget and generate more profit by increasing market share
3. Promote cost reductions through technical developments and enhancements to the production system
4. Minimize quality risk, prevent complaints, work to maintain a high level of customer satisfaction

In an effort to complement the general manager policies, (shown at left)

1. Improve employee safety awareness
2. Promote energy and resource conservation
3. Implement anti-contamination measures and evaluation method improvements



Toshiyuki Kageyama
General Manager of Tuas Plant

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

- <Safety> Achieved two years and 10 months of accident-free operations (as of March 2010)
By means of the initiatives listed below, we will improve the safety awareness of all employees and help ensure another zero-accident year.
- Making an independent safety video and utilizing training
 - Conducting fire drills with the fire department
 - Commending people with excellent safety records, etc.
- <Environment> We worked to save electricity by, for example, reviewing air compressor operation times, and we cut down on packaging materials. We will continue to save electricity and carry out resource recycling activities in fiscal 2010.
- <Quality> We conducted a quality risk assessment and implemented process improvements. We also analyzed and worked to mitigate factors causing variations in shipping inspections. We will prioritize risk-reduction measures and promote initiatives that will help bring them about.

Address: Unit 9B Modern Industrial Square, No.333 Xingpu Road, Suzhou Industrial Park, Suzhou China
Telephone: +86-512-6287-1088

Denka Advanced Materials (Suzhou) Co., Ltd.

Profile

Employees: 60 (as of March 31, 2010)

Operations: DENKA established this company in January 2006 as its first production and sales subsidiary in China since World War II. This company manufactures carrier tape for electronic packaging and micro-slit products. Having decided to make China our main sales destination, approximately 80% of our sales are destined for that country's domestic market.



CSR Policies

General Manager Policies

- Maintain our zero-accident record and improve quality by enhancing our operations.
1. Bolster safety initiatives to maintain our zero-accident record.
 2. Improve production techniques and quality management, reduce the number of complaints about quality
 3. Maintain the workplace environment and ensure strict compliance.
 4. Undertake education and drills, continue to work to upgrade workplaces

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

Fiscal 2009 Activities	Fiscal 2010 Initiatives									
<p><Environmental Initiatives> • We employed resources more efficiently and reduced waste by increasing production yields</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Target</th> <th>Actual result</th> </tr> </thead> <tbody> <tr> <td>Bottom sheet</td> <td>93.0%</td> <td>94.6%</td> </tr> <tr> <td>Cover tape</td> <td>93.0%</td> <td>91.5%</td> </tr> </tbody> </table> <p>• Thorough Environmental Chemical Controls • Gathered and managed SGS product data</p>	Item	Target	Actual result	Bottom sheet	93.0%	94.6%	Cover tape	93.0%	91.5%	<p><Environmental Initiatives> • Promote improvements to production yields with the dual aims of ongoing efficient resource utilization and waste reduction • Bottom sheet: More than 96% • Cover tape: More than 92%</p> <p><Safety Initiatives> • Record zero accidents • Improve employee safety awareness; implement safety management to include relatively minor mishaps (cut fingers, etc.)</p>
Item	Target	Actual result								
Bottom sheet	93.0%	94.6%								
Cover tape	93.0%	91.5%								



Yuichi Kadoya
Deputy Director,
General Manager

Central Research Institute

Profile

Address: 5-1, Asahi-cho 3-chome, Machida, Tokyo

Telephone: +81-42-721-3611

Employees: 84 (as of March 31, 2010)

Center Overview: Central Research Institute began operating at its current site after DENKA relocated its Meguro Research Center there in 1962. The facility has created numerous basic technologies for inorganic and organic chemicals, petrochemicals and plastic products as the spearhead of DENKA's product innovation. The center will continue exploring medium- and long-term R&D and help enhance the quality of existing offerings.

CSR Policies

General Manager Policies

The Central Research Institute adopted as its motto:

"An institute that contributes to society through monozukuri that meets needs."

1. Developing new products
2. Promote exploratory research corresponding to society's needs
3. Nurturing world-class researchers
4. Undertaking environmental and safety initiatives

Environmental, Safety, and Quality Policies

In keeping with Companywide policies, in our efforts to safeguard the environment we promote responses to global warming, contribute to society and work to prevent environmental accidents. With regard to safety and health, the policy's aims are to ensure that there are no major accidents, such as explosions or fires, no workplace injuries and no occupational diseases or disorders. Quality assurance activities include the promotion of improvement reviews at the new product development stage. Furthermore, to promote these activities we work to develop the personnel capable of learning, thinking and acting on their own initiative.

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

In addition to environmental management system (EMS) certification renewal activities, general fire drills conducted in cooperation with the Machida fire department, training in responses to earthquakes, fires and power outages and training in the handling of hazardous substances and high-pressure gas, we conduct safety activities that include hazard experience training. Furthermore, the institute held a children's chemistry class for the Machida Boys and Girls Fire Club in June, another chemistry class to which pupils from the Machida Dai-Yon elementary school were invited in August, and an institute tour specifically for third-year students from the same school in September, deepening exchanges with the local community.



Training exercise to rescue evacuees from a roof during a general fire drill (October 21)



EMS maintenance assessment (March 11, 2010)



Hazard experience training (July 9)



Children's chemistry class (August 5)



Field trip institute tour for pupils from the Machida Dai-Yon elementary school in Tokyo (September 24)



Tetsuro Maeda
Representative Director,
Senior Managing
Executive Officer,
General Manager of
Central Research Institute

Presented with Special Safety Award

On May 27, 2010, the institute was presented with a special safety award at the 34th Grand Prix Safety Awards hosted by the Japan Chemical Industry Association and the Japan Responsible Care Council (JRCC). This award, which is given to model business sites that implement superior safety activities, commended the institute for having suffered no accidents that caused lost workdays in the 17 years since 1992.



Presented with a special safety award for 17 years of operations with no accidents requiring lost work days

Fiscal 2010 Initiatives

As part of activities designed to safeguard the environment, the institute will promote energy conservation and progress with the development of products designed to that end. Safety activities include the institute's acquisition of a fiscal 2010 model promotion workplace designation from the Tokyo Labour Bureau for its safety and health management system as well as the institute's efforts toward risk assessment. With regard to (safeguarding) employee health, the institute gives consideration to mental health and endeavors to maintain vibrant workplaces. Future quality assurance activities will include quality engineering training and the assessment of quality risk accompanying new product launches. In addition, tours for elementary school pupils will be in June and September, encouraging the building of community ties.

Electronic Materials Institute

Profile

Address: Nakamura 1135, Shibukawa, Gunma

Telephone: +81-279-25-2477

Employees: 90 (as of March 31, 2010)

Research Focus: Developing highly functional electronic materials through organic and inorganic hybridization.

General Manager Policies:

1. Explore topics with existing products based on selectivity and concentration and undertake customer-specific research themes
2. Build production technologies that factor in high functionality and quality and cost-competitiveness
3. Create basic and component technologies that harness the mechanisms of physical properties and clarify reaction schemes

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

In addition to developing high-performance and highly functional electronic materials that, for example, help to reduce CO₂ emissions and eliminate the use of mercury, the Electronic Materials Institute works to develop advanced manufacturing processes. Our radiation protection products and process tape, both of which feature high functionality and wide product selection, are used in LEDs, a technology that carries high expectations in terms of environmental responsiveness. Consequently, one global LED product manufacturer after another adopted these products in fiscal 2009.



We are offering a number of electronic materials, including products that can dissipate heat in electric and hybrid automobiles.

Clean rooms and automated equipment are essentials in developing

In process adhesives, which are used primarily in the manufacture of solar cells, we significantly reduced the amount of organic solvent and CO₂ emitted during production and are spotlighting their use as an eco-friendly adhesive.



electronic materials, for which the tolerance for impurities is no more than one-fiftieth the thickness of a human hair.

We are continually

reducing the amount of electric power required to maintain control by installing state-of-the-art equipment and modifying device operations.

In our daily duties as well, we are switching away from paper to electronic documents as part of efforts to cut CO₂ emissions from certain aspects of our R&D activities.

We will continue to pursue R&D into environmentally friendly and safe products while promoting low-carbon research.



Norihiro Shimizu
Executive Officer,
General Manager of
Electronic Materials
Institute

Polymer Technology Institute

Profile

Address: 6, Goi-Minamikaigan, Ichihara, Chiba

Telephone: +81-436-26-3220

Employees: 135 (as of March 31, 2010)

Research Focus: Functional resins, plastic materials and elastomers

General Manager Policies: Anticipating market changes over the medium to long term, strengthening collaboration between departments and sites, accelerating the development of high-value-added products

1. New product development in growth fields
2. Secure profit by expanding sales of existing products and through product differentiation
3. Maximize fundamental technologies in key products
4. Enhance and pass on production technologies and safety techniques
5. Nurturing world-class researchers
6. Promote environmental, safety and health activities

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

A new center, the Polymer Technology Institute was established on April 1, 2009 at the Chiba Plant, DENKA's largest general research facility. We aim to help the Company to achieve sustainable revenues and earnings by tackling diverse technical issues and creating technologies and products that lower environmental impact, conserve energy, and contribute to safety and health.

In the functional resin field, the institute advances the development of materials, primarily styrenes and acetates, utilized in polymer technologies. Focusing on LED products, which have particularly good energy-saving attributes, we are making headway in research designed to find applications for resins in each component. At an exhibition in 2009, we showcased a high-heat radiation-resistant resin compound that we have proposed as an alternative to metal in LED bulb housings.



LED bulb housings that utilize a high-heat radiation resin compound

In plastic materials, our

efforts focus on making existing products lighter and thinner, with reduced solvents. These offerings include food packaging materials, industrial adhesive tape, construction materials and pipes used in agriculture and engineering. We are also developing new products, such as weather-resistant films for solar generation systems.

In the elastomer field, we are making progress with chloroprene rubber R&D. One project is focusing on the development of an environmentally friendly,



Children's chemistry class (August 26)

water-based adhesive. Furthermore, in August we invited pupils from the Tazawa Elementary School near the Omi Plant in Itoigawa, Niigata, to a chemistry class. Through this kind of activity we interact with the communities in the region.



Tatsuhiro Aoyagi
Senior Executive Officer,
General Manager of
Polymer Technology
Institute

Major Affiliates

DENKA Polymer Co., Ltd.

<http://denkapolymer.co.jp>

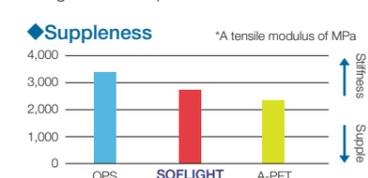
Profile

Address

Head Office: 12-8 Kiba, 5-chome, Koto-ku, Tokyo**Telephone:** +81-3-5245-3641**Plants:** 3 in Chiba Prefecture (Sakura, Goi, Katori)**Employees:** 354 full-time and 155 part-time (as of April 1, 2010)**Major Products:** OPS products, PSP food trays, food containers, SOFLIGHT products, packaging wrap and agricultural packsShinji Sugiyama
President

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

- We pursued weight reductions in all products so our containers can alleviate environmental impact and conserve resources and energy. Beginning with successfully reducing the weight of six of our product series by 15% to 30%, compared with fiscal 2004, we achieved a 7.9% weight reduction in all of our products.
- In addition, we drew on our Group strengths as an integrated manufacturer of everything from monomers to finished products to innovate SOFLIGHT, for which we are expanding sales. This product is a next-generation, lightweight and transparent raw material that because it is both rigid and supple



is less vulnerable to cracks than OPS. SOFLIGHT also reduces environmental burden by more than 30% from A-PET products of similar thickness.

Fiscal 2010 Initiatives

- We will actively promote environmental improvement activities by bolstering the development and supply of environmentally friendly, safe and reliable products.
- We will once again formulate environmental policies in order to conserve energy, reduce the emission of substances harmful to the environment and reduce waste.
- As part of the actual measures we are taking, we will pursue further reductions in the weight of our products. At the same time, we are bolstering efforts to conserve energy by participating in the Energy Conservation Promotion Conference (secretariat: the Energy Conservation Promotion Office).
- Polystyrene recycling business efforts (CSR Report 2010 p. 15)

DENKA SEIKEN Co., Ltd.

<http://www.denka-seiken.co.jp>

Profile

Address

Head Office: 4-2 Kayaba-cho, 3-chome, Nihonbashi, Chuo-ku, Tokyo**Telephone:** +81-3-3669-9091**Plants:** Gosen City, Niigata (Niigata Plant, Kagamida Plant)**Employees:** 553 (as of April 1, 2010)**Major Products:** Influenza vaccines, virological diagnostic reagents, bacteriological diagnostic reagents, immunological diagnostic reagents, clinical chemistry diagnostic reagents and general biological diagnostic reagentsShigetoshi Toyooka
President

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

- Safety Initiatives
 - Each department expanded its efforts to ensure workplace
 - We conducted training for managers by outside lecturers
 - Examples: Skills Training Course on Special Chemical Substances for Supervisors and Skills Training Course on Organic Solvents for Supervisors
 - Undertook patrols through individual workplace initiatives
 - Conducted a general emergency drill at the Niigata Plant on February 22, 2010.
- Community Activities
 - We made monetary contributions to and participated in local festivals.
 - We held a tour of the Kagamida Plant on March 24 to coincide with an inspector training session conducted by the Gosen Social Worker Child Welfare Conference.
 - We dispatched a Company employee on April 27 to provide a one-day lecture at the Niigata University of Pharmacy and Applied Life Sciences.
 - We donated 6,000 masks to Gosen City on May 18 as part of our measures to counter the spread of the H1N1 influenza virus.
 - We cooperated in the management of the National Sports Festival in Niigata
 - At the 64th National Sports Festival, six people from our offices volunteered to participate as referees for softball, Japanese archery and rubber baseball competitions and serve as competition committee members.
 - We participated in the activities of the Gosen Gender Equality Council.
 - We were involved in the Gosen Water Service Committee.

Fiscal 2009 Initiatives

We will undertake the following Group CSR efforts.

- Disaster Preparedness and Worker Safety
 - We will promote risk management analysis and evaluation initiatives.
 - We will undertake risk management activities, take action to predict various dangers and endeavor to prevent major accidents and disasters.
 - We will undertake safety and health inspection tours and safety patrols through the Safety and Health Committee
 - We will promote education that aims to improve safety-related knowledge and awareness. In addition, we will promote mental health education, health counseling and activities that develop health.
- Community Engagement
 - We will strengthen relations and daily communications with the Gosen Municipal Office.
 - We will support and donate to the Yokomachi Summer Festival, the Kinaseya Festival and other summer festivals around our plants, as well as corresponding neighborhood associations.
- Community Contributions
 - We will participate in the Niitsu Labor Standards Association as a member of the board. We will promote the popularity of health and welfare activities among local participating companies as both vice chairman of the association and manager of the Health Section.
 - We will remain involved with the Gosen Gender Equality Council.
- Employee Welfare Efforts
 - We will sponsor labor union activities, notably barbecues, soft volleyball and bowling events, for employees of the Niigata and Kagamida plants.

CRK Corporation

<http://www.crk.co.jp>

Profile

Address: 306-banchi, Koyagi-cho, Takasaki, Gunma**Telephone:** +81-27-362-7510**Employees:** 65 (as of April 1, 2010)**Major Products:** Rubber compounds, industrial rubber products, fire-resistant rubber products, butyl adhesive tape, water swelling leakage stop rubber tape and quakeproof manhole jointsHaruo Kimura
President

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

Environmental Activities

As a result of our ongoing efforts to minimize the number of defective products and improve product yield, since fiscal 2008 we have reduced overall waste 15%. Specifically, the amount of rubber landfill waste was cut approximately 24%.

Safety and Quality Enhancement Activities through the Improvement of the Operating Environment

To enhance safety, operational efficiency and product quality, we installed approximately 100m² of skylights in the ceiling to brighten the inside the plant. As a

result, the lighting intensity was improved to over 600 lux only with natural light compared with 200 lux with lighting before, contributing to energy conservation.

Fiscal 2010 Initiatives

- We will strive to further reduce waste while enhancing the reuse and recycling ratios. In particular, we will reduce landfill waste, enhance the ratio of thermal recycling as well as promote the reuse of waste materials as much as possible by enforcing the strict separation of wastes.
- Promoting 3S (*Seiri, Seiton and Seisou*, that is, sorting, tidying and cleaning) and 3 Tei (*Teii, Teihin and Teisu*, that is, fixed position, fixed items and fixed quantity), we will strive to enhance safety, improve the environment and quality.

Hinode Kagaku Kogyo

<http://www.hinode-kagaku.co.jp>

Profile

Address: 660 Aza Kuratani, Maizuru, Kyoto**Telephone:** +81-773-75-5760**Employees:** 44 (as of April 1, 2010)**Major Products:** YORIN (fused magnesium phosphate), TORETARO (fused silicate phosphate fertilizer), mixed fertilizer, chemical fertilizerShizuo Takagi
President

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

- We dispatched employees to two neighboring companies and the Omi Plant for safety training.
- We switched our lighting from incandescent bulbs to fluorescent lamps. We are planning to install LED lamps in the future.
- In the year under review, the volume of waste recycled included that of fiscal 2008, resulting in the total volume recycled exceeding that generated in fiscal 2009.
- We proactively participated in both in-house and local community cleanup activities. (CSR Report 2010 p.22)

Fiscal 2010 Initiatives

"Through the manufacturing of fertilizer, we will contribute to society and realize employees' self-actualization"

- We will contribute to society by complying with laws and regulations while securing profits to win out against industry competition.
- Each employee will exhibit their originality and faithfully aim for their goal.

DENKA Azumin Co., Ltd.

Profile

Address: 118, 5 Chiwari, Nimai-bashi, Hanamaki, Iwate**Telephone:** +81-198-26-2131**Employees:** 27 (as of April 1, 2010)**Major Products:** Azumin (magnesium humate fertilizer)

CSR Initiatives

Major Activities

- We maintained our zero-accident record
- We worked to safeguard the environment
- We built relationships of trust with local residents

Yutaka Watanabe
President

Fiscal 2009 Achievements and Fiscal 2010 Initiatives

- Maintained a zero-accident record
 - Proactive safety activities by managers (morning meetings, promotion committee and other meetings)
 - Under the leadership of the three subcommittees (risk prediction and near-accidents; safety patrol; and the environment), we implemented various initiatives, including the reduction, reuse and recycling of waste; repair and maintenance of existing facilities; and risk prediction drills. Through these efforts, we strived to maintain our zero-accident record. As of March 31, 2010, we had posted 1,827 accident-free days.
 - Our young employees participated in a training session to become risk prediction trainers charged with raising safety awareness.
 - One of our employees received the 2009 Chairman's Award of the Iwate Association for (Ensuring the) Safety of Hazardous Materials.
- Environmental preservation activities based on the Hanamaki City Pollution Control Agreement
 - We reported that all air, water and noise pollution as well as vibration from our facility were within the limits of an accord with Hanamaki City.

Building relationships of trust with local residents

- Plant visit and information exchange with the Nimaibashi Committee for Pollution Prevention Measures
- Communications with neighborhood associations (Nimaibashi and Naocho)
- Contribution to local society by outsourcing jobs to people over 60 years of age
- Accepting internships from local high schools (industrial and general high schools)
- Promotion of mainstay Azumin as an environment-friendly product
 - We explained to plant visitors that Azumin is made principally from natural lignite, an environment-friendly material that improves the quality of soil.

Fiscal 2010 Initiatives

- We will maintain our zero-accident record.
- Appointment of young employees as the leaders of subcommittees aiming to invigorate the work environment.
- We will change the name of the Environment Subcommittee to the Environment and Energy Conservation Subcommittee to further emphasize our energy saving activities.

1985	The Canadian Chemical Producers' Association proclaimed the Responsible Care (RC) ethos of independently controlling and managing chemical substances
1990	International Council of Chemical Association (ICCA) established
1995	Japan Responsible Care Council (JRCC) established; became a member Created the Responsible Care policy and organized our Responsible Care (RC) Committee
1997	Started Responsible Care audits Created a basic manual to promote product liability measures and organized the Product Liability (PL) Committee
1998	Organized the Energy Saving Subcommittee
1999	The Chiba Plant acquired ISO 14001 certification (all plants were certified by 2004)
2000	Published our first Environmental Report Discovered acetylene and dioxin emissions at our alumina fiber plant and filed a report with the relevant government agency (becoming a designated facility under the Dioxin Special Measures Act in 2002)
2001	Inaugurated natural gas cogeneration facilities at the Chiba Plant
2002	The Omi Mine won the Gold Kanban Award for excellence in mine preservation and performance Started presenting information on affiliates in our Environmental Report
2003	Launched biomass boiler power generation operations at the Omi Plant Created the Negative List (a database on environmental chemical substances) Started our first medium-term environmental plan
2004	Inaugurated our Good Company Program (GCP)
2005	Launched our second medium-term environmental plan
2006	Conducted Japan Responsible Care Conference third-party audits at the Omuta Plant Omi Plant began accepting sewage sludge for its recycling system
2007	Commenced the Companywide DENKA100 initiative Established the CSR Promoting Office Published our first CSR Report Launched our third medium-term environmental plan JRCC began providing third-party audits of our CSR Report (covering headquarters and the Chiba Plant)
2008	JRCC provided a third-party audit of our CSR Report (headquarters and the Omi Plant) Set up the Earth Committee (CSR Report 2010 p. 18)
2009	Established the Environmental Burdens Reduction Promoting Department (CSR Report 2010 p.18) Acquired third-party verification of our CSR Report from the JRCC (covering headquarters and the Shibukawa Plant)
2010	Signed the Responsible Care Global Charter Launched our fourth medium-term environment plan Acquired third-party verification of our CSR Report from the JRCC (covering headquarters and the Omuta Plant)