RIMTEC

RIMTEC Corporation

Business Description
Sales of RIM (reaction injection molding) compound and molded products

Established in 2003, Rimtec has an integrated production system starting from the raw material dicyclopentadiene to the final compound. We bring together original compounding, molding, and design technologies to produce and sell a wide variety of molded products such as homebuilder materials and automotive bumpers.
Our head office is located in Tokyo. We have a research laboratory and the subsidiary Zeon Rim in Zeon Corporation's Mizushima Plant, and the subsidiary Telene S.A.S. (France) with an R&D function in France. We also have a U.S. sales office, Zeon Chemicals L.P.

Mizushima Plant

Examples of molded products


Bathtub unit


Truck bumper


Water purification tank

No. of Employees
As of March 31, 2018: 17 (15 men, 2 woman)
Hiring in FY 2017: 0

Company Policy (Executive Message)

RIM molding using the raw material dicyclopentadiene is an innovative energy-saving, resource-saving technology for producing large molded products. Its applications such as water purification tanks have direct environmental benefits.
We aim to improve the global environment, contribute to employment at production contractors and customers, and revitalize local communities by expanding our RIM molding business with the priority environmental management theme of providing environmentally friendly compound for molding and molded products.


President
Yoshio Umezawa

Safety Initiatives

Policy
Safety First! Employees act responsibly and coordinate closely with production contractors and customers to achieve zero accidents and disasters.

Specific Initiatives
1. Production quality meetings with production contractors (monthly)
We report on production and quality management, and provide education on chemical substance regulations and accident case studies.

2. Mutual inspections with production contractors (twice/year)
Rimtec research laboratories, Zeon Rim, and production contractors jointly perform mutual 5S and safety inspections.

3. Customer safety education (once/year)

・Distribute safety education materials to all customers

・Visit new customers to give guidance

4. Corporate culture development (twice/year)

・Since FY 2015, we have been conducting mutual 5S safety activities with production contractors.

・Starting in FY 2017, we began carrying out productivity improvement activities for production contractors, in collaboration with the NPS Promotion Group at Zeon's Production Innovation Center.

Environmental Impact Reductions

Policy

・Increase thermal recycling of waste plastic

・Reduce the environmental impact of substances in products based on the regulations in various countries

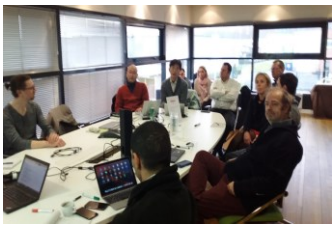
Specific Initiatives

1. Reducing industrial waste discharge

Through thermal recycling of waste plastic, we have substantially reduced the volume of waste we send to landfills since FY 2015.

2. Compliance with the laws and regulations of applicable countries

We confirm the laws and regulations of various countries with our global subsidiaries, and are targeting product development and sales expansion to reduce environmental impact.



Product reviews at Three-Region Technology Meetings

3. Environmental Data

＊"0" indicates less than 0.5 tons, and "0.0" indicates less than 0.05 tons

Rimtec Corporation		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Substances subject to the PRTR Act	No. of substances	0	0	0	0	0
	Consumption (tons)	0.0	0	0	0	0.0
	Emissions (tons)	0.0	0.0	0.0	0.0	0.0
Industrial waste	Amount generated before compacting (tons)	49	23	31	39	7
	Amount sent to landfills (tons)	2.4	1.3	0.0	0.3	0.0
Water resource consumption (1,000 m^3) (industrial water + groundwater + waterworks)		2.2	1.5	1.5	1.4	1.9
CO_2 emissions (tons)		160	110	103	152	136
Energy consumption (crude oil equivalent, kL)		138	90	89	78	68

Relationship with Employees

Policy
We strive to be a company that understands and welcomes the diverse values and backgrounds of employees regardless of gender, age, nationality, or other attribute, and where employees can take pride in working. We are focused on developing world-class human resources.


Technical guidance by our operations staff for a new customer (People's Republic of China)

Specific Initiatives
1. Development of world-class human resources
・Participate in overseas regulatory seminars
・Participate in international research conferences
・Overseas technical instruction for operations staff

2. Sharing our values
・Through the holding of Taimatsu (Torchlight) activities, we are working to strengthen dialog within the RIMTEC Group, and to enhance the collaborative relationship between Group member companies.
・We are encouraging all RIMTEC Group employees to challenge themselves to realize their goals for 2020.
・We are working to ensure that every individual employee is aware of the importance of shared values.


Taimatsu (Torchlight) activities conducted jointly by three regions

Relationship with the Local Community

Grow together with the community and contribute to community revitalization, leading to the sustained development of Rimtec.

Specific Initiatives
1. Participation in Omoshiro Taiken (fun experience), a public event held at Okayama Research Park
Omoshiro Taiken, which is organized by Okayama Prefectural Government and has been held every year since 2012, is an event where children can experience the fun of science and technology first-hand. The RIMTEC booth at Omoshiro Taiken enables children to see for themselves how raw materials are transformed into plastic through chemical reactions.


(fun experience)

2. R&D through industry-university collaboration
The Rimtec research laboratory conducts joint research on fundamental technologies with Okayama University and Hiroshima University.

3. Industry creation in the Chugoku region
We hold regular seminars with Okayama University, Hiroshima University, and the Chugoku Industrial Innovation Center (a public body).

4. Presentations at international conferences

・We have given presentations on our research findings regarding hydrocarbon-based thermosetting resin at international conferences organized by the Institute of Electrical and Electronics Engineers (IEEE) held in India, China and Japan.

・We gave a presentation on the findings from resaerch that we conducted jointly with RWTH Aachen University in Germany on high-performance resins for use in radar domes, at the JEC World trade show in Paris.

・We have published three papers that were written jointly with Kyushu Institute of Technology, and two that were written jointly with Tokyo City University.