

ZEON Group (Japan)

Zeon Medical Inc.

Introduction to Zeon Medical Inc.

Zeon Medical Inc. was established in 1989 as a wholly owned subsidiary of Zeon Corporation. It inherited the medical business of its parent company, which from the 1970s had conducted research into artificial kidneys, followed by auxiliary artificial heart pumps. Since then, Zeon Medical has worked to contribute to society as a unique domestic manufacturer performing development, manufacture, and marketing of primarily cardiovascular and gastrointestinal medical devices.

To not only save lives but also raise people's quality of life amid great changes in the environment surrounding medical care, Zeon Medical will continue to develop and improve products through its original technologies and with a sense of responsibility and mission borne by every employee.

We will work uncompromisingly to deliver safe and high-quality products that can be used with confidence by doctors and other medical practitioners.



President Noboru Yanagida



Zeon Medical's research center and plant



Environmental and Safety Activities

1. Efforts to Reduce Environmental Impact

As a means to reduce our emissions of substances subject to the PRTR Law, we continue making efforts to minimize our usage volume of ethylene oxide by reducing the operating number of our sterilization machines, of which we currently have four, to the minimum required by production conditions. Although we have not yet achieved a reduction in our total usage of ethylene oxide, we are maintaining usage volume with respect to production increases.

Regarding the reduction of electricity usage, we continue to engage in steadfast energy-saving initiatives, including managed temperature settings and the elimination of unneeded lighting. However, with our use of clean rooms enhancing the impact of weather and with increased electricity usage under increased production also a factor, the effects of our energy-saving initiatives were not marked.

2. Environmental Data

Zeon Medical Inc.		FY2010	FY2011	FY2012	FY2013	FY2014
Substances covered by PRTR law	Number of substances	1	1	1	1	1
	Consumption (tons)	2.3	2.2	1.6	1.6	1.6
	Amount emitted (tons)	2.3	2.2	1.6	1.6	1.6
Industrial waste	Amount generated (before volume reduction) (tons)	8	22	10	9	10
	Amount sent to landfill (tons)	7.6	11.2	5.0	4.3	4.5
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m³)		-	11.7	14.3	17.8	21.9
CO₂ emissions (tons)		970	969	1,143	1,123	1,003
Energy consumption (crude oil equivalent, kL)		462	431	511	539	401

Activities with the Local Community

One activity undertaken by the Zeon Takaoka Group is ongoing participation in neighborhood clean-up efforts along the nearby Kokubun-hama shoreline and the Himi Coast.

Also, to contribute to the development of the medical device industry in Toyama Prefecture, we are investigating possibilities for collaboration with local companies through event participation and information exchanges with Toyama Pharmaceutical Industry Collaborative Research Association, the Hokuriku branch of the Chubu Bureau of Economy, Trade and Industry, and the Takaoka Municipal Industrial Planning Department.

In R&D, we participated in a research meeting held by the Toyama Industrial Technology Center and are moving forward with development in collaboration with local companies.