

ZEON Group (Japan)

Zeon Chemicals Yonezawa Co., Ltd.

Introduction to Zeon Chemicals Yonezawa Co., Ltd.

Zeon Chemicals Yonezawa Co., Ltd. was established as a fine chemical product production company in 1996 and began production of aroma chemicals which use leaf alcohol* as a main ingredient in 1997.

The company also began production of liquid compounds for reaction injection molding which use dicyclopentadiene as a main ingredient in 1998. It also conducts consigned research work for the Zeon Corporation's new chemical research building opened in April 2006.

* Leaf alcohol

Green note aroma chemical that uses 2-Buthyne extracted from C5 fractions as a starting material



President Makoto Watanabe



Zeon Chemicals Yonezawa Co., Ltd.

Environmental and Safety Activities

1. Conducting Safety Competitions

For seven years straight, Zeon Chemicals Yonezawa has had no injuries and no accidents (as of March 2014). In line with the “Thorough investigation of safe and secure production with an emphasis on the basics” in the 2013 President’s Annual Policy, we implemented a written examination for basic operations, read out a list of basic operations at morning meetings, and held “Packing Exchanges,” a basic operation competition, with the goal of improving safety awareness and preventing misoperations. In the competition, the managers took the top places, which reiterated the ability of managerial staff to all employees. In third place were employees who had been trained at the Monozukuri Training Center*. Zeon Chemicals Yonezawa plans to be creative and continue to conduct competitions and other such activities for safety and environmental conservation.

*Monozukuri Training Center

An operator training center established in the Mizushima Plant of Zeon Corporation. Trainees take classroom lectures and practice work tasks at its training facilities in order to learn plant rules and acquire a basic knowledge of plant operations, and to improve their skills.



Basic Operations Competition

2. Environmental Data

Zeon Chemicals Yonezawa Co., Ltd.		FY2009	FY2010	FY2011	FY2012	FY2013
Substances covered by PRTR law	Number of substances	4	2	5	4	7
	Consumption (tons)	13	1,231	1,897	1,773	1,642
	Amount emitted (tons)	0.0	0.4	0.5	0.5	0.5
Industrial waste	Amount generated (before volume reduction) (tons)	59	87	186	187	202
	Amount sent to landfill (tons)	4.2	0.4	0.4	0.0	0.0
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m ³)		-	-	14	10	9
CO ₂ emissions (tons)		489	815	940	1,017	1,151
Energy consumption (crude oil equivalent, kL)		290	455	505	439	490

Activities with the Local Community

Participation in the Uesugi Yukidoro-matsuri (snow lantern festival)

The Uesugi Yukidoro-matsuri symbolizes the local residents' prayer for peace. Offerings of Lanterns are made at Chinkon-no-oka in Matsugasaki Koen Park, in the city of Yonezawa. The snow lanterns are made by first stomping on the snow to make the base, then placing snow in a frame and treading on it to make it firm. It is then left out for two days to freeze. The snow is then carved in line with the design. As a part of our activities as a member of the community, we participate every year by creating two snow lanterns. This year, the company president was interviewed by NHK Yamagata. The 20-second interview was broadcast on the Tohoku Regional News on the same day.



Being interviewed by NHK