

## ZEON Group (Japan)

### ZEON North Co., Ltd.

#### Introduction to ZEON North Co., Ltd.

ZEON North Co., Ltd. was established as an affiliate of ZEON Corporation in April of 1972. In July 2003, it merged with the associate company Daisan Kosan and the ZEON Corporation affiliate ZEON Takaoka Analysis Center and expanded its operations to engineering, machinery sales to the aluminum industry, the environmental analysis, and product sales operations. The company runs a distinctive business that utilizes the technologies and personal connections it has built up over time, along with the advantages of its north-central Japan location.

In 2008 it opened a Kawasaki Office in Kanagawa Prefecture, a Mizushima Office in Okayama Prefecture in 2011, and a Tokuyama Office in Yamaguchi Prefecture in 2013. ZEON North is focusing its energy on expanding its engineering business through expanding its bases.



President Hiroshi Fujisawa



Can manufacturing and machinery plant at ZEON North Yonejima Office

#### Environmental and Safety Activities

##### 1. Efforts to Reduce Environmental Impact

As part of our efforts aimed at achieving zero emissions, we have been working to reduce the amount of industrial waste produced as well as the amount sent to landfills. We regularly implement in-house training on topics including methods for disposing of industrial waste, and work to instill awareness among employees about reducing waste and promoting recycling. Going forward we will work to promote the reduction and recycling of industrial waste through the sorting of waste, and to also contribute to the reduction of our environmental impact.

##### 2. Promoting Safety Activities to Eliminate Workplace Accidents

We hold the Partner Companies Safety Conference every year as one of our safety-related activities involving partner companies. At this conference we strive to improve awareness regarding safety in the workplace and voluntary compliance with rules. The cooperation from all employees in the workplace is needed to prevent incidents and accidents. Going forward we will continue to work to improve the levels of safety management in the workplace together with partner companies, striving to create safe work environments.



Partner Companies Safety Conference

### 3. Environmental Data

ZEON North Co., Ltd.		FY2008	FY2009	FY2010	FY2011	FY2012
<b>Substances covered by PRTR law</b>	Number of substances	0	0	0	0	0
	Consumption (tons)	0.0	0.0	0.0	0.0	0.0
	Amount emitted (tons)	0.0	0.0	0.0	0.0	0.0
<b>Industrial waste</b>	Amount generated (before volume reduction) (tons)	43	38	36	38	25
	Amount sent to landfill (tons)	31	14	8.0	5.0	5.2
<b>CO<sub>2</sub> emissions (tons)</b>		195	152	155	160	152
<b>Energy consumption (crude oil equivalent, kL)</b>		81	76	84	80	85

#### Activities with the Local Community

##### Participation in Fire Drill Competition

ZEON Corporation and its Takaoka Plant participate as the ZEON Takaoka Group every year in the Self-Defense Fire Brigade Fire Drill Competition hosted by the Takaoka City Fire Prevention Management Council. Last year, we showed the results of regular training in our participation in the Fire Extinguisher Contest, the Fire Extinguisher and Indoor Fire Hydrant Contest, and the Carrying Injured People and Indoor Fire Hydrant Contest.



Self-Defense Fire Brigade Fire Drill Competition