

## ZEON Group (Overseas)

### Zeon Chemicals Thailand Co., Ltd. (ZCT)

#### Introduction to Zeon Chemicals Thailand Co., Ltd.

Zeon Chemicals (Thailand) Co., Ltd. produces Quintone<sup>®</sup> petroleum resin for use in adhesives and is the ZEON Group's first petrochemical production site in Southeast Asia. The company's products are used in Thailand and exported around the world to such regions as the rest of Asia, the Middle East, Europe, and the Americas. To cope with brisk demand, we constructed the No.2 plant in July 2013.



President Yutaka Isozaki



Zeon Chemicals (Thailand) Co., Ltd.

#### Environmental and Safety Activities

##### 1. Meeting Targets, Setting New Ones

As of the end of December 2013, we achieved 328 days of zero lost-time accidents. We plan to continue to strengthen our safety activities.

To maintain and continuously improve occupational health and safety (OHS) and environmental management systems in accordance with OHSAS 18001, ISO 14001, and other specifications, we are enhancing our education and training programs to deepen employees' comprehensive understanding of management systems. We are also continuing various other programs focused on creating standards, assessing risks, and implementing other measures to ensure that we meet ever-higher targets.

Every quarter, a group of visitors that includes representatives from the nearby community conducts on-site monitoring. We do this to fulfill our responsibility to remain transparent to the local community.

## 2. Environmental Data

Zeon Chemicals (Thailand) Co., Ltd.		FY2009	FY2010	FY2011	FY2012	FY2013
Industrial waste	Amount generated (before volume reduction) (tons)	1,163	1,186	1,436	1,194	1,910
	Amount sent to landfill (tons)	846	1,166	1,050	936	1,263
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m <sup>3</sup> )		-	206	213	182	252
CO <sub>2</sub> emissions (tons)		5,878	5,686	4,610	5,128	8,103
Energy consumption (crude oil equivalent, kL)		2,340	2,262	1,834	2,041	3,224

\*Environmental performance indicators have increased compared to previous years due to No.2 Plant starting operation in FY2013.

## Contributing to the Local Community

In accordance with the CSR Master Plan, we continued to donate blood and healthcare equipment. In addition, we carried out communication activities with local communities and provided donated waste materials. We are proactively participating in the clean-up and planting of greenery as a part of our community activities. In fiscal 2013, in the Rayong prefecture “CSR Rayong Project,” we were designated a CSR blue-chip company for recognition of our efforts (third year in a row).



Tree-planting activity  
(June 19, 2013)



CSR Rayong Project award  
ceremony



Communication activities with  
nearby communities