

Zeon Chemicals Singapore Pte. Ltd. (ZCS)

Company Profile

Business Description

Manufacture and sales of synthetic rubber, primarily for fuel-efficient tires

- S-SBR: Solution-polymerized styrene butadiene rubber
- Terminal modified butadiene rubber

Established in 2010, Zeon Chemicals Singapore began full production of S-SBR for fuel-efficient tires on Jurong Island, Singapore, in April 2014. ZCS began a second production line in April 2016, and ships products to countries in Asia, Europe, and around the world.

Location

Jurong Island, Singapore

No. of Employees

As of March 31, 2017: 105

Hiring in FY 2016: 25



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Product image



Fuel-efficient tire made with S-SBR

Company Profile

In March 2016, we completed our second production line to double our production capacity. As a producer and supplier of high-performance rubber needed to make fuel-efficient tires, which are one way to help address progressively worsening climate change, we will double our contributions to society along with our doubled capacity. We are also modifying our facilities to be able to produce new products that meet customer needs. We will begin producing prototypes of some products in September 2017. Our operations staff have finished training on new product production at Zeon Corporation's Tokuyama Plant, and other preparations are ready as we wait for the facility modifications to be completed.



President
Hiroshi Takegami

Safety Initiatives

Policy

We decide the action items to achieve our goals of zero lost-time accidents and zero serious safety abnormalities.

Specific Initiatives

1. Monthly safety patrols
2. Systematic acquisition of qualifications by employees

3. Periodic trainings using safety videos
4. Regular checks of safety indicators decided by each department

Environmental Impact Reductions

Policy

Our environmental policy is established as part of the HSE Policy*

*HSE Policy

Health, safety, and environment policy

Specific Initiatives

Water resources are a particular problem in Singapore with its limited land area. To use precious water more efficiently, we have started to reduce our industrial water consumption intensity. In FY 2016, we successfully improved our efficiency by 20% year on year. Our energy consumption and CO₂ emissions have increased with the start of our second production line, and we have begun reviewing ways to improve our energy efficiency in FY 2017.

Environmental Data

*"0" indicates less than 0.5 tons, and "0.0" indicates less than 0.005 tons

Zeon Chemicals Singapore Pte. Ltd. (ZCS)		FY 2014	FY 2015	FY 2016
Industrial waste	Amount generated before compacting (tons)	0	0	0
	Amount sent to landfills (tons)	0	0	0
Water resource consumption (1,000 m ³) (industrial water + groundwater + waterworks)		312	402	417
CO ₂ emissions (tons)		39,180	43,533	56,400
Energy consumption (crude oil equivalent, kL)		17,575	19,227	24,911

Relationship with Employees

Policy

Human resources are assets vital to the success of our business, and we will solidify our business foundation by accurately and fairly conducting activities related to recruitment, placement, training, evaluation, and treatment of employees.

Specific Initiatives

Conduct local hiring with an open door, irrespective of gender or race. Start appointing locally hired employees to key positions, and develop and utilize local managers and supervisors. Incorporate training by instructors from plants in Japan and dispatch employees to Japan for training.

Relationship with the Local Community

Specific Initiatives

As more than 90% of our employees are local hires, we contribute to the local community through employment. We are creating new employment opportunities on an ongoing basis.

In addition, 30% of employees who play key roles in plant operations receive plant operation management training in Japan, contributing to the transfer of technology.