

Promotion of the Responsible Care Activities

We make efforts to continuously improve “Environment, Safety and Health” throughout the life cycle of our products from development to disposal.

Contents of the Responsible Care Activities

The Responsible Care (RC) activities are conducted voluntarily by firms that produce or handle chemical materials for securing “Environment, Safety and Health” in all processes including chemical material development, production, distribution, use, final consumption, disposal, and recycling, and then executing and improving measures for safety, health, and environmental protection, based on the principles of self-decision and self-responsibility.

The Company has been a member of the Responsible Care Committee of Japan Chemical Industry Association since its establishment (it was called Responsible Care Council) and is promoting the activities to achieve the following 5 items.



Environmental Protection

Protecting people’s health and nature globally.

Process Safety and Disaster Prevention

Working to prevent facilities disaster, and in case of disaster, minimizing damage.

Occupational Safety and Health

Protecting safety and health of workers.

Logistics Safety

We make efforts to prevent accidents and injuries during logistics.

Chemicals and Products Safety

Clear identifying the properties and methods of handling chemical products and protecting health, safety and the environment for all people who handle these products, including our customers.

The Responsible Care logo is a design of hands holding molecular model, and it expresses our intention to handle chemical substances with care. It is designated by the International Council of Chemical Associations (ICCA) and is a global logo that can be used by any member corporations of the Responsible Care Committee.



Basic Principles concerning Responsible Care

The Company tries to secure and enhance “Environment, Safety and Health” that are relevant to all of our business activities through the “Responsible Care activities”. We set the basic principles and promote our activities in order to act in good faith as a good corporate citizen, be always harmonized with the environment in all activities, secure safety and health of the public and employees, respond to the trust from the society, and support our employees’ practices as good citizen by enhancing their awareness on global environment protection and living environment improvement.

- (1) To continuously improve the environment, safety and health performance over the entire lifecycle from development to disposal waste of our products.
- (2) To manage our business activities so as to prevent adverse impact on people and environment as well as to take into account the environment, health and safety during transporting, storing and disposing our products.
- (3) To examine the environment, health and safety aspects from the research and development stage, and to develop products and technologies with lower impact on the environment, health and safety.
- (4) To promote conservation of resource and energy, to minimize waste emissions and to recycle waste effectively.
- (5) To address the concerns of government officials and public regarding the influence of our products and operations on the environment, health and safety, while disclosing relevant information and participating in dialogue to promote proper understanding of the issues.
- (6) To ensure risk characterization and risk management based on sound scientific information in order to reinforce product stewardship.
- (7) To comply laws, regulations and standards, and to promote and meet voluntary initiatives for improving the environment, health and safety.
- (8) To ensure accountability in order to address the expectations of domestic and worldwide stakeholders for the promotion of the environment, health and safety.

Establishment: June 24, 1996

Revision: April 25, 2014

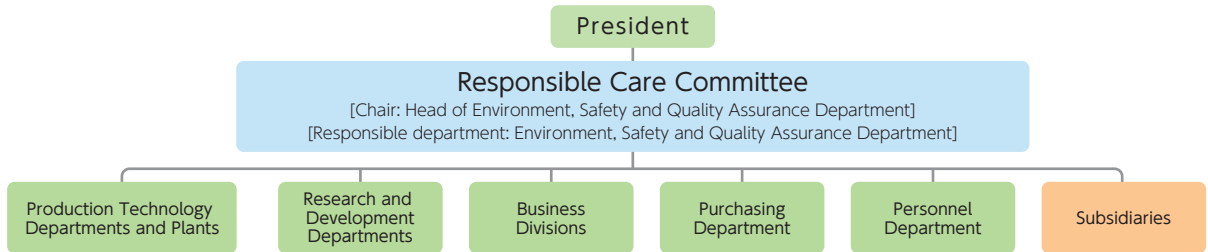
Responsible Care Management System

We established the Responsible Care Committee as a group that promotes Responsible Care activities. The Committee meeting is regularly held once a year. The Committee has the head of the Environment, Safety and Quality Assurance Department Manager as the chairperson and is consisted of the Executive Officer of Environment, Safety and Quality Assurance Department, the head of Production Technology Department, Personnel Department, Purchasing Department, each Business Division ,

each Plant and each Laboratory. The secretariat is located in the Environment, Safety and Quality Assurance Department.

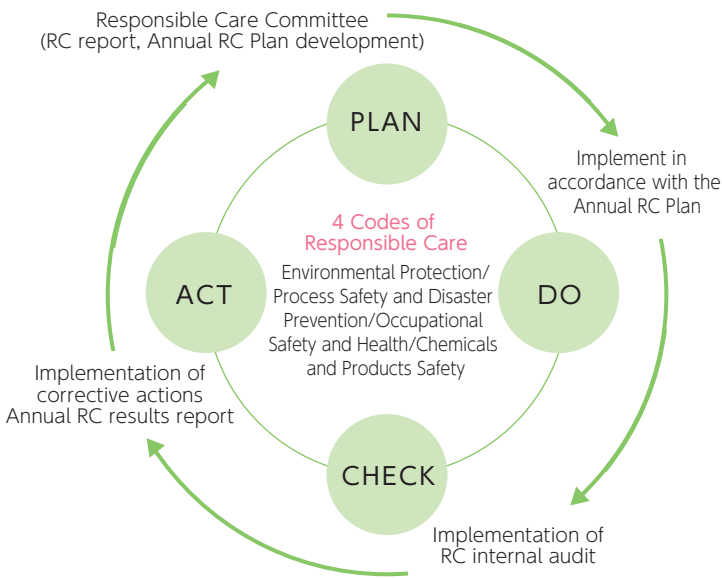
At the Committee, activity results, audit results, their improvement status, and compliance status to relevant laws and regulations of the year for the Company and subsidiaries are reported to the members, and the activity objectives, etc. concerning the Responsible Care for the next fiscal year are discussed.

Responsible Care Management System



Practice of Responsible Care

Our Company’s Responsible Care Activities are implemented in accordance with the annual schedule based on the PDCA cycle, to be aimed continuous improvement year by year.



As a tool to promote activities, the Company’s 5 plants acquired ISO 14001 (EMS), an international standard for environment management system, and they have been maintaining and updating the certificate through the certifying body since then.

	Year of acquisition	Certification body	Certification number
Onoda Plant	October 2000	Japan Chemical Quality Assurance Ltd.	JCQA-E-0180
Saitama Plant	October 2000	Same as above.	JCQA-E-0182
Nagoya Plant	July 2001	Same as above.	JCQA-E-0271
Sodegaura Plant	October 2002	Same as above.	JCQA-E-0408
Toyama Plant	March 2003	Same as above.	JCQA-E-0456

The Responsible Care activities are monitored by the ISO 14001 internal environmental audit and Responsible Care audit conducted by the Environment and Safety Group. In FY 2013, the audit was conducted targeting 5 plants, 5 laboratories, 13 sites of 9 affiliates (Group companies) to improve the management systems.

Message

“Aiming at further improvement of management systems”

Environment, Safety, and Quality Assurance Department, Environment and Safety Group Leader, **Ayako Nakajima**

The work of the Environment and Safety Group is to manage and promote Responsible Care activities of the entire Company. The Group promotes continuous improvement for the entire Company by encouraging each plant, laboratory, business division and affiliates to set the Responsible Care objectives. The Group will promote the Responsible Care activities not only to achieve zero labor disaster and reduction in energy consumption and wastes discharge amount, but also to aim at developing products and technologies that contribute to the society in consideration for environment, safety and health.