

Occupational Safety and Health

We try to create a pleasant work environment where all employees can work in good health and safely.

Occupational Safety

Since 2007, we determined "wearing appropriate protectors", "suspension of rotating machine during work (such as maintenance)", and "compliance with SOP" as basic safety rules, and we have been making efforts to keep everyone informed about it, including our subcontract companies. We conduct thorough examination of causes of industrial accidents due to violation of safety rules and share the information with the other sites in order to eliminate similar accidents. As a result, we managed to reduce the rule violation cases from 40% to 10%. We will continuously carry out our activities to achieve zero accidents.



Group safety education

Occupational Health

In order to prevent health hazards to employees, we engage in the improvement of the working environment for handling powder and new chemical substances. Especially, research laboratories sometimes use substances that are strongly bioactive or suspected of causing cancer, and so we evaluate the safety of chemical substances and assess their risks in advance, strengthen local exhaust equipment, and make containment facilities.



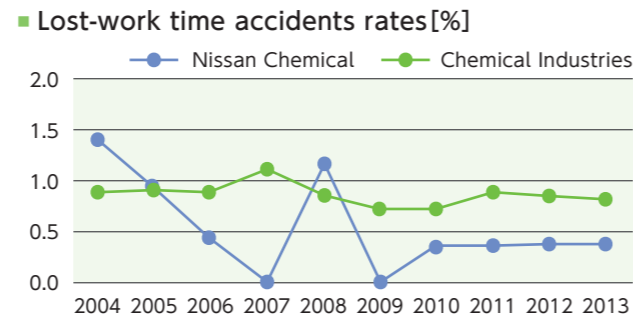
Exhaust ventilations for specific chemical substances

Safety Results

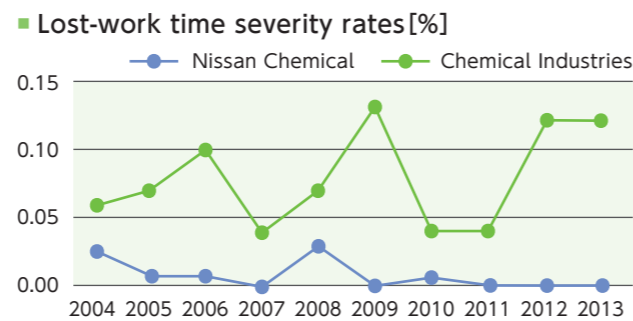
In FY 2013, there was one lost work time accident, and seven accidents that did not require time off from work. Although the number of the former was the same as the previous year, the latter increased by one compared with the previous year.

As for accidents that cause employees to take days off, there was fracture after stumbling and falling, but there were no serious industrial accidents. Nowadays, workers often fall and have a crick in the back, and so we promote them to do radio calisthenics at the beginning of working hours or after a lunch break.

As for the safety results, both frequency rate and severity rate were lower than the average rates of the industry. We will strengthen our safety activities aiming at zero accidents.



Lost-work time accidents rates = (Number of people affected by disasters that require time off from work) ÷ (total working hours) × 1,000,000



Lost-work time severity rates = (Lost days) ÷ (total working hours) × 1,000

Process Safety and Disaster Prevention

We try to prevent occurrence of accidents such as fire, explosion and leakage of toxic materials and minimize the damage at the time of a large-scale disaster.

Process Safety and Disaster Prevention

Ensuring safety is the foundation of our production activities. We set the "Safety and Stable Operation" as our priority and work on ensuring safety and stable operation together with our affiliates and subcontracting companies.

In order to achieve stable operation, we provide educational training workshops such as Process and Facility Risk Prediction, and conduct pre-manufacturing assessment and carry out planned facility investment and facility maintenance.

Considering the fact that there are many accidents at other companies' chemical plants, we review the accident reports and re-inspect similar locations of the accidents in order to avoid similar accidents and enhance our safety capacity.



Disaster prevention drill at the naphtha transportation handling location

Emergency Response

Emergency regulations are in place at our plants and laboratories, taking into account characteristics of each area and locality. Based on the regulations, we conduct various drills such as earthquake disaster prevention, first-aid fire fighting, and communication and reporting every year in order to ensure appropriate responses at the time of emergency. We also install AED at all of our sites and provide life-saving training to our employees.



Firefighting techniques gathering

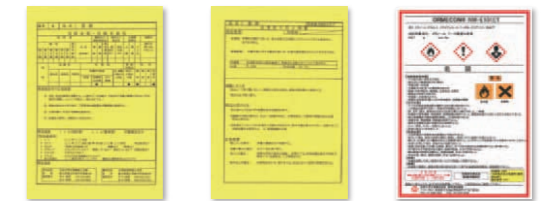
Logistics Safety

The Company is trying to secure safety in the logistics process of our products and ensure appropriate responses at the time of accidents in collaboration with Nissan Butsuruyu Co., Ltd., our subsidiary handles the logistics businesses. We are in the process of introducing the container yellow-card that has additional information such as UN number and guideline number on the labels of containers and packages. We also train drivers to carry the yellow card with them all the time when they transport products with a tank truck.

Nissan Chemical also participates in the regular training programs that are conducted by Nissan Butsuruyu together with the public fire department and confirm our responses at the time of transportation accidents.



Training against Transportation Accidents



Yellow card and Container yellow card

Topics

Reception of the Commissioner of the Fire and Disaster Management Agency Award

Our Saitama Plant received the "2013 Award for Excellent Hazardous Materials Handling Business Establishment Commissioner of the Fire and Disaster Management Agency Award".

We learned lessons from the heavy oil spill accidents in July 1988, and under the strong determination of not to repeat hazardous material accidents, we have been making steady efforts towards safety. The Award was given as a recognition result of evaluating our efforts as well as continuation of no accident and no disasters that require time off from work.



Products that Contribute to the Society
 CSR Management
 Responsible Care Activities
 Together with our Stakeholders - Relationships with Consumers and Clients -
 Together with our Stakeholders - Employees -
 Communication with the Society
 Site Report
 ISO 26000 Core Subjects Comparison Table