Safety and Disaster Prevention, Occupational Safety and Health

Safety and Disaster Prevention

In FY2015, we thoroughly carried out pre-manufacturing evaluations, process risk predictions, and facility risk predictions, aiming to ensure safety, achieve stable operations, and improve our process safety capability. As a result, there were no fire, explosion, and leakage accidents. To maintain this zero serious accident level, we began to consider the idea of assessing the safety culture of plants in FY2014, and started carrying out full scale evaluations at all of our plants in FY2015. As a result, important issues, such as the communication gap between the management team, managers, and workers, were identified. Moving forward, we will strive to overcome these issues and foster a safety culture at all of our plants. We will also extend these evaluations to laboratories and affiliates in FY2016. Our plants, laboratories, and affiliates carry out various drills and training every year, such as comprehensive disaster drills, earthquake drills, initial fire-fighting drills, and communication and reporting training. These drills and training sessions all take into the characteristics of the location and region, and are designed to make us ready to respond to emergencies or accidents in a reliable manner.



Disaster drill at petrochemical complex

TOPICS

Safety Training Center

We have established a Safety Training Center in the Toyama Plant. At this facility, employees whose length of service is ten years or shorter learn how to safely conduct work related to machines, electricity, and instrumentation. Trainees take part in simulations in which they are sandwiched and caught in machines, and receive instructions on how to wear and use protective gear properly and other safety matters. The Safety Training Center also accepts trainees from other plants, thereby helping to raise the level of safety awareness of the entire company.



Occupational Safety and Health

In regards to occupational safety and health, we make continuous improvements by implementing a PDCA cycle in our RC management system. This system helps to prevent work accidents, promote good health of staff, and build a comfortable workplace environment, supporting our efforts to improve the level of safety and health at the individual business locations. At locations where work accidents occurred, we thoroughly investigate the causes, implement or plan provisional or permanent measures, and submit a report to the Environment, Safety & Quality Assurance Department and the Personnel Department as the following example. The Environment, Safety & Quality Assurance Department sends the report to all business locations to help prevent the occurrence of similar accidents with the protection of the personal information of the accident victim(s).

Safety Results

In FY2015, there were four cases of accidents that require staff time off from work and six cases of accidents that does not require staff time off from work. The number of accidents requiring staff time off from work increased from the previous fiscal year. Unfortunately, the frequency rate has also worsened for two consecutive years. The result comes from insufficient risk assessment of potential hazards and the increased numbers of falls attributed to old age of victims were especially prominent. We will make sure to perform risk assessments and make risk predictions before doing work, taking into account aged workers, and engage in safety activities further, aiming to achieve zero accidents.

Lost-work time accidents frequency rate [%]

