

Safety and Disaster Prevention, Occupational Safety and Health

Safety and Disaster Prevention

We carry out risk assessment, process risk predictions, and facility risk predictions by prior assessment for manufacture with the aim of ensuring safety, achieving stable operations, and improving our process safety capability. As a result, in FY2017, there was no accident such as explosion / leakage.

Our plants, laboratories and affiliates carry out various drills and training sessions all taking into account the characteristics of the location and region, and are designed to make us ready to respond to emergencies or accidents in a reliable manner.

In addition, we are working to improve issues assessed through questionnaire about safety culture at each location.



▲ Disaster drill

TOPICS

Safety Education at Training Center

We have established a training center within the Toyama Plant to provide guidance on basic facility and work methods to young employees who have worked for the Toyama Plant for less than 10 years. The lecturers are employees of the machinery, electricity, and instrumentation conservation division of the Toyama Plant. While using a model of educational equipment, they teach the importance of safe work methods by actually moving hands. This training, which has been implemented since 1991, has also accepted participants from other plants, and contributes to raising the safety awareness of the entire company.



Occupational Safety and Health

We make continuous improvements with regard to occupational safety and health as well, by implementing a PDCA cycle in our RC management system. We thereby prevent occupational accidents, promote the good health of staff, and build a comfortable workplace environment in our efforts to improve the level of safety and health at each business location.

At business locations where occupational accidents have occurred, we conduct a thorough investigation into the causes and plan and implement emergency and permanent measures. This information is compiled as an occupational accident report, and the entire Nissan Chemical Group is working to prevent similar accidents by sharing information and promoting horizontal deployment. We are also working to prevent occupational accidents at our subcontractors through safety audits.

In FY2016, we have participated in the *Anzen Project* (safety project) of the Ministry of Health, Labour and Welfare, and began publishing an occupational safety newspaper in an effort to raise awareness of safety activities.



▲ Occupational accident report



▲ Occupational safety newspaper (occupational safety monthly report, number of days of accident-free continuation)

Safety Result

In 2017, we have one case of an accident requiring staff time off from work, and nine cases of accidents not requiring staff time off from work. The number of accident requiring staff time off from work is the same as that of previous year, and the number of accident not requiring staff time off from work increased (by 6). These were due to increased bee sting and chemical injuries. We are aiming to achieve zero accident by promoting risk assessment, risk predictions training, HHK*1, 5S*2 and appropriate wearing of protective equipment and by raising awareness of safety through the safety meeting and the occupational safety newspapers. In measure, we plan to invest a total of 350 million yen over the three-annual period beginning in FY2016 to the safety of facilities for prevention of fall / overturning.

*1 HHK stands for Hiyari-Hatto (near miss incident) and Kigahari (alarming). It means the discovery of near-miss incidents that are not linked directly to serious injuries or accidents but could have resulted in such injuries or accidents.

*2 5S stands for Seiri, Seiton, Seisou, Seiketsu, Shitsuke. These words mean "Sort" "Set" "Shine" "Standardize" "Sustain" respectively.

