



POSCO

Award: Safety
Category: Workplace improvement

“Fatal Top 10” campaign for serious accident prevention

Challenge

We are endeavouring to prevent safety accidents. However, safety accidents are continuing without decreasing, and social costs and responsibilities are also increasing day by day. We had not been able to eliminate the root cause of safety accidents. So a fundamental and systematic approach is desperately needed to prevent safety accidents.

Action

We selected 10 key risk factors that could lead to fatal accidents and industrial accidents. And we conducted intensive improvement activities and management with risk assessment. For each plant(6 plants including 23 units process), the risk level was divided into 5 levels of severity level and 5 levels of operation frequency, and then high level ranked 10 factors(total 60 items) were selected according to the risk level. Through the selection and concentration of major accident-causing factors, the systematic improvement was made in advance. This “Fatal top 10” activity restarts annually through newly searching for other 10 key risk factors of each plant. In addition, Mentoring of department heads was carried out every month, thereby enhancing effectiveness of preventive activities and increasing the participation of employees.

Outcome

Since 2015, accidents have not occurred and accident-free work place have maintained.