

Safety and Quality

Efforts to prevent labor accidents

Based on the MES Occupational Safety and Health Management System Manual, we maintain our basic policy on occupational safety and health for the overall company declared by the employer (president). Based on this basic policy, we have developed and introduced the Company-Wide Occupational Safety and Health Management Plan.

When we became a holding company on April 1, 2018, we retained the previous basic policy on occupational safety and health as the policy of the overall group. We will evolve this basic policy so that each operating company will take more meticulous, advanced measures for preventing labor accidents under the new structure.

Group Policy on Health and Safety Management

1. Basic policy

Regarding corporate behaviors relating to safety and health, we will achieve the followings by instilling a safety culture in each workplace and fostering human assets:
(1) Safety first principle, for manufacturing and engineering practices as top priority to safety
(2) Creating a comfortable workplace by proactively working on physical and mental health management

2. Targets

Safety Targets:
Deaths, serious injuries, or lost-worktime accidents: 0
Accident frequency rate: 0.5 or less
Health Targets:
Work-related illnesses: 0
Non work-related injuries and illnesses: Days off work frequency rate of 0.38% or less
(Of which, mental health disorders are 0.11% or less)

3. High-priority issues

- (1) Safety
1. The 2S3TEI system of discipline and good habits
Implement the 2S3TEI system with thorough discipline to form good habits.
- The 2S3tei system is the basis of all work. The 2S of “seiri” for orderly, “seiton” for tidy, the 3tei of “teichi” for designated position, “teihin” for designated tools, and “teiryo” for designated amount concerning materials, jigs and tools, or in other words, the right item in the right number in the right place should be thoroughly implemented. By implementing this system, the belief is that unsafe practices can be eliminated, work efficiencies can be improved, and a safe working environment can be created, thereby achieving a state of discipline and good habit.
2. Passing on safety principles
Actively communicate and build a good relationship that leads to understanding on both sides, the communicator and the one

being communicated to, thereby achieving a safe working environment.

Not communicating what you want to say. Not checking how much the other person understands. Pretending to understand what was said. Many accidents are a result of cases where something wasn’t communicated properly, or when advice wasn’t followed even though the advice was given. Most accidents can be prevented if both parties properly understand and consider each other.
Passing on safety principles means to actively communicate, building a good relationship that leads to understanding on both sides, the communicator and the one being communicated to. In doing so, a safe working environment can be created.

3. Pointing and calling
Pointing and calling out whether things are OK when performing a task is a way to reduce errors.

Most occupational accidents are caused by human error through carelessness, not taking notice, or not looking properly. By pointing and calling, as opposed to doing nothing at all, human error is reduced by as much as 6 times, and papers published on the subject also prove its effectiveness.
Human error can be eliminated by pointing and calling out whether things are OK when performing a task.

(2) Health

1. Promote health management
Think about health from a management perspective and understand health issues, strategically putting health management into practice.
2. Promote mental health care
Create a good place to work by promoting these 4 types of care: 1. Self-care, 2. Line-care, 3. Care from occupational health staff, and 4. Care from resources outside of the workplace.
3. Promote a good work-life balance and measures against overwork
Achieve a good work-life balance by implementing a system and measures for optimizing work hours, reducing mental and physical fatigue.

By the end of March 2019, the following initiatives have been implemented.

Specific initiatives

- Cooperation with labor unions and government office-sponsored events
1. Mitsui E&S Federation of Labor Unions - Health and Safety Awareness Month (February)
2. National New Year Zero Accident Campaign, and New Year Road Safety Campaign (Dec to Jan)
- Monthly events
1. National Safety Week, and Health and Safety Emphasis Month (July)
2. National Occupational Health Week, and Occupational Health Month (October)

- Health and safety inspections
Health and safety inspection by the president of Mitsui E&S Holdings
- Other
Health and safety slogan (solicited during the health and safety emphasis month)

2019 Mitsui E&S Health and Safety Slogan
Zero accidents, zero injuries, zero illnesses, and zero stress for your family

Obtained JISQ45100

MES Tokki & Engineering, an affiliated company of Mitsui E&S Shipbuilding’s Tamano Shipyard, acquired JISQ45100 certification, which covers ships (commercial, government and naval), underwater equipment (autonomous unmanned submersibles, ammunition for self-propelled mine disposal units, etc.), and the design, manufacture and repair of steel structures, pipes and expansion joints. While developing an occupational health and safety management system based on risk reduction through risk assessments, we will improve the performance of occupational health and safety activities to prevent injury and illness of all our working employees, continuing to promote activities to provide a safe and healthy workplace.



Optimal placement of AED units

In accordance with AED installation guidelines, checks have been made to ensure AED units are installed 150m apart within the Mitsui E&S Machinery Tamano Machinery Factory. The number of units has been increased from 6 to 9 almost covering the whole area of the factory. To add to this, training kits have been purchased so that all workers know how to use the AED units, and at times workers have been given lifesaving classes.



Morning safety habits

We are developing initiatives before the start of work at the construction site of the Ichihara Biomass Power Plant, where, in pairs, after the morning exercises employees pat each other’s shoulders, check to see if they look healthy and whether their protective equipment is all OK through the point and call method. After these good safety habits and awareness of safety issues, a morning meeting is held on possible risks before starting actual work. No accidents have been recorded since the start of construction (as of March 31, 2019).



Health and safety patrol by the president of Mitsui E&S Holdings

As part of the health and safety awareness month on February 18, 2019, Takao Tanaka, president (at the time) of Mitsui E&S Holdings carried out a health and safety patrol at the Mitsui E&S Shipbuilding Chiba Shipyard. On the patrol, daily safety activities and improvements were reported to the president by those in charge and work managers for each work area. People came together and exchanged ideas with President Tanaka after the patrol with renewed efforts for a zero accident workplace.

