

Safety Management Procedures

In addition to implementing various preventive measures, STEC has divided the safety management procedures into two parts as follows:

1. Safety, Occupational Health, and Work Environment Plans, which include:

1.1 Occupational Health and Safety Training, such as:

- “Occupational Health and Safety Orientation for New employee before Starting Work, Changing Jobs, Changing Work Locations, or Changing Machinery/Equipment” course.
- “Occupational and Environmental Diseases” course.
- “Occupational Safety Officer Training – Management Level” course.
- “Occupational Safety Officer Training – Supervisor Level” course.
- “Safety, Occupational Health, and Work Environment Committee Training” course.
- “Basic Firefighting Training” course.
- “Basic First Aid and CPR Training” course.

1.2 Specialized Job-Specific Training, such as:

- “Crane Operator, Signaller, Rigger, Lifting supervisor and Crane Operation Re-Training” course.
- “Confined Space Safety Training” course.
- “Electrical Work Safety Training” course.
- “Basic Scaffold Installer Training” course.
- “Scaffold Installation Supervisor and Inspector Training” course.

1.3 Occupational Health and Safety Risk Assessment

STEC divides the risk assessment into two parts:

- Risk and Opportunity Assessment for Occupational Health and Safety of the organization to ensure the company can manage potential risks effectively. The assessment covers key areas including:
 - Physical Risks: e.g., machinery accidents, slips, and falls
 - Health Risks: e.g., exposure to hazardous chemicals, working in noisy environments
 - Psychological Risks: e.g., work-related stress, workplace harassment or abuse
 - Environmental Risks: e.g., working in extremely hot or cold environments, working in poorly ventilated areas
 - Management Risks: e.g., lack of proper training, poor communication

In 2024, the risk and opportunity assessment revealed that most risk factors were at moderate-to-low levels. The company oversees and monitors these risks regularly each year.

- Hazard Identification and Risk Assessment in Work Processes. The main steps in the risk assessment process are:
 - Hazard Identification: Identify risks in work areas and activities performed
 - Risk Assessment: Evaluate the likelihood of hazards occurring and the severity of potential impacts, considering both the probability and impact of the hazards
 - Risk Ranking: Rank the risks for each hazard based on likelihood and severity
 - Control Measures: Plan measures to reduce or eliminate risks, such as installing personal protective equipment, improving work processes, and employee training
 - Review and Improvement: Continuously review and improve the risk assessment process to ensure that control measures are effective and align with changes in the workplace

1.4 Establishment of the Occupational Safety, Health, and Environment Committee

STEC has set a policy that all construction units must establish an Occupational Safety, Health, and Environment Committee in accordance with the Ministerial Regulation on the establishment of safety officers, personnel, or committees to manage workplace safety, as defined in the Ministerial Regulation on Occupational Safety, Health, and Environment of 2022. This is to drive safety, health, and environmental measures at work, focusing on the prevention of hazards, accidents, and work-related illnesses, aiming to reduce accidents and promote collaboration within the organization to ensure the effective and sustainable management of these matters.

The company mandates the Occupational Safety, Health, and Environment Committee to meet at least once a month, with the meeting schedule and agenda to be notified to members at least three days before the meeting. Additionally, a meeting must be called immediately after any accident or incident that results in the disability or death of workers or external persons. The Occupational Safety, Health, and Environment Committee will review the accident investigation report and propose corrective actions to the top management.

The duties of the Occupational Safety, Health, and Environment Committee are as follows:

- 1) Develop safety, health, and environmental policies for submission to the employer.
- 2) Propose methods for preventing accidents, harm, illness, or disturbances due to unsafe working conditions and submit to the employer.
- 3) Report and propose measures or plans to improve the work environment and conditions in compliance with safety laws for the safety of employees, contractors, and external individuals.
- 4) Promote and support safety activities in the workplace.
- 5) Review safety, health, and environmental manuals to provide feedback to the employer.
- 6) Conduct safety surveys in the workplace and report the results, including accident statistics, at each committee meeting.
- 7) Review training plans related to workplace safety and propose feedback to the employer on the responsibilities of workers, supervisors, management, and all personnel.
- 8) Ensure that all employees have a system in place to report unsafe working conditions to the employer.
- 9) Monitor the progress of matters presented to the employer.
- 10) Report annual performance, including identifying problems, obstacles, and suggestions after one year of operation, to be submitted to the employer.
- 11) Evaluate the implementation of safety management in the workplace.
- 12) Perform any other safety-related tasks assigned by the employer.

1.5 Equipment and Tool Inspection, Machinery Inspections

1.6 Development of Safety Regulations and Manuals

1.7 Safety Talk/Toolbox Talks

1.8 Workplace Inspection

1.9 Emergency Plans and Fire Prevention Plans

1.10 Promotion of Safety Activities

2. Work Operation Control According to Established Procedures

Work operation control according to established procedures includes the creation of construction zones, installation of warning signs and signals, control of personal protective equipment usage, working at heights, fall prevention, scaffold work, excavation/deep pit work, machinery operations, work in confined spaces, electrical work, heavy lifting tasks, traffic management, work permit systems, and housekeeping, among others.

The company regularly inspects, monitors, and evaluates the processes and methods established to improve and develop the work processes for maximum efficiency and safety for workers, ensuring continued trust from clients.