

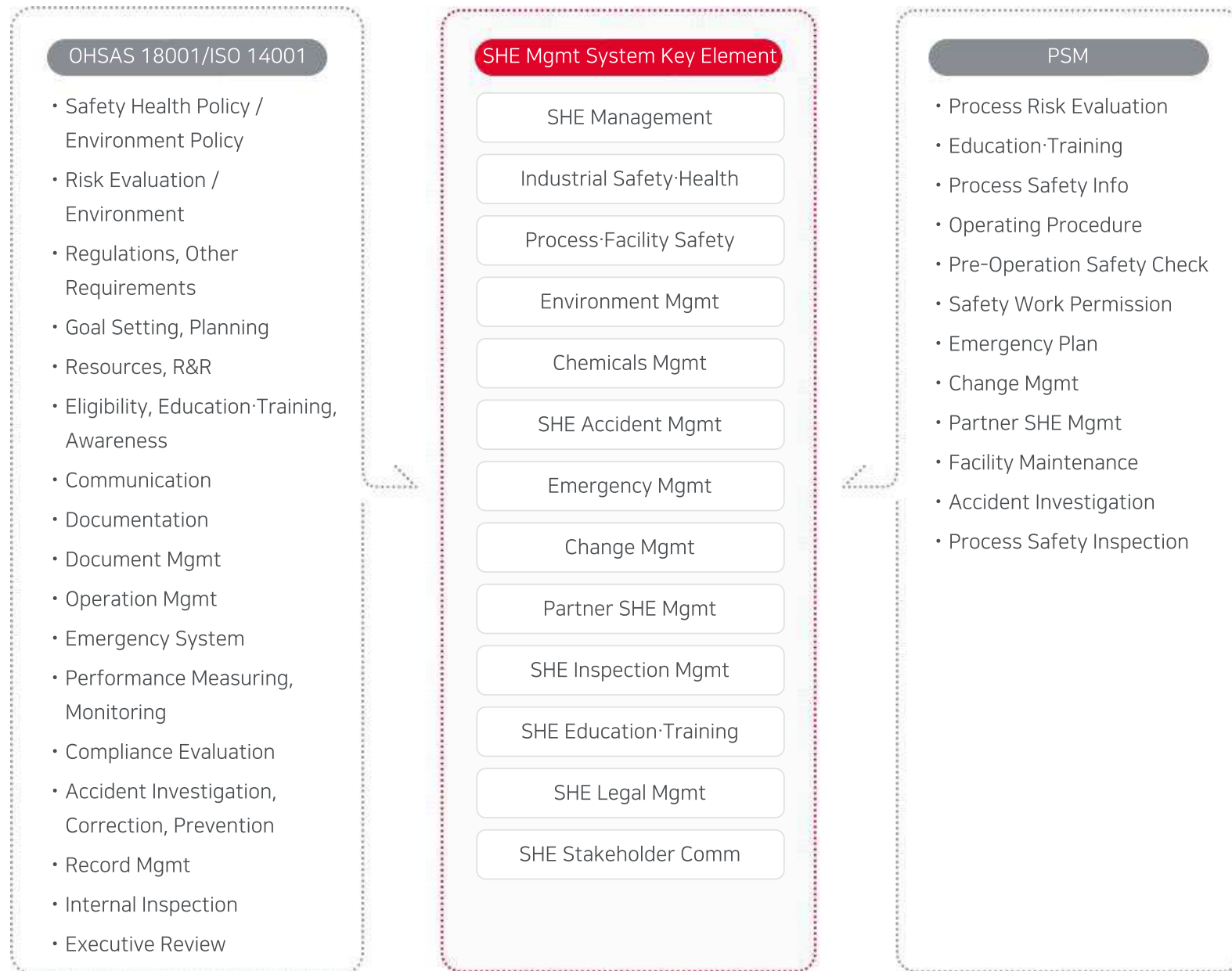
HE Management System

In 2012, SK Innovation established a new policy to ensure the consistent and uniform execution of world-class SHE management activities. We also took the SHE management system to a global level to ensure that all of our domestic and overseas networks keep engaging in SHE management activities. We defined 13 key elements and built a virtuous cycle of development that enables us to execute each of the elements based on leadership and to improve the system through continuous monitoring.



Elements of SHE Management System

The 13 key elements of the SHE management system include the details of OHSAS 18001, ISO 14001 and PSM criteria in compliance with both domestic and global standards.



Key Element	Description
SHE Mgmt	Perform management activities based on the understanding of the SHE management system and policies. Regularly measure and keep improving SHE performance to upgrade the SHE management system level.
Industrial Safety-Health Mgmt	Systematically manage hazards and risks in safety and health as well as prevent all members from suffering industrial accidents and occupational diseases to create pleasant and safe work environments.
Process-Facility Safety Mgmt	Systematically manage details that need to be considered in each stage of the process and facility design, construction, operation, maintenance and disposal to prevent human errors and secure reliability of facilities.
Environment Mgmt	Evaluate and manage the environment impact of potential pollutants in advance, in compliance with environmental laws and regulations to contribute to sustainable management.
Chemicals Mgmt	Eliminate in advance, chemical-related, environment and health risks in all processes - from the introduction to the use, sales and disposal of chemicals - to prevent relevant accidents.
SHE Accident Mgmt	Promptly report and respond to any accident to minimize damages of the accident. Investigate the cause of the accident and establish preventive measures to avoid reoccurrence.
Emergency Mgmt	Enhance emergency preparedness by setting up an emergency system and organization, to quickly respond to any safety and environment accidents and minimize human, physical and environmental damages.
Change Mgmt	Conduct timely reviews of changes made in process engineering, operation conditions, facilities and chemicals that may affect safety and environment of the processes, and facilities as well as the health of the employees.

Key Element	Description
Partner SHE Mgmt	Manage partner-related works such as partner registration, selection, contracts, work and evaluation to prevent them from facing SHE accidents and minimize related damages in case of such an accident.
SHE Inspection Mgmt	Evaluate compliance of SHE-related laws and regulations, execution levels of SHE management system, and SHE risk elimination levels to identify necessary improvements and keep enhancing SHE performance.
SHE Education Training	Provide systematic SHE education and training and check the effectiveness and execution levels on a regular basis to increase awareness of employees and stakeholders and their SHE capabilities.
SHE Legal Mgmt	Quickly identify SHE-related laws and regulations that are newly enacted or expected to be enacted or revised, and take preemptive measures to minimize the impact of such enactments or revisions.
SHE Stakeholder Comm	Understand the expectations and needs of stakeholders through communication with main stakeholders including employees, shareholders and local community members and provide correct SHE information for them.