

8. Safety and Health

8.1 Safety and Health Management



TSMC's health and safety management is based on the framework of the OHSAS 18001 system, and uses an online platform to improve the management effectiveness of the "Plan-Do-Check-Act" (P-D-C-A) principle and prevent accidents, improve employee health and safety, and protect company assets.

Current safety management operations can be divided in two areas:

1. Hardware safety of equipment used by process, facilities, IT, and general services departments: In addition to meeting regulatory and internal standards when building or rebuilding facilities, TSMC also maintains procedures governing new equipment and raw materials management, safety approvals for bringing new tools online, revising safety rules, seismic protection measures, and other safety measures.
2. General safety management, training and audit: TSMC takes preventive measures such as controls on high-risk work, contractor management, chemical safety management, personal protective equipment requirements, and safety audit management. In addition, TSMC also maintains detailed disaster response procedures and performs regular drills to minimize harm to employees and property as well as impact on society and the environment in the event of a disaster.

The Environment, Safety & Hygiene Strategic Planning Department (ESHP) and the Wellness Section (WS) of the Human Resources Department are jointly responsible for health management, and carry out policies with related departments in each fab. The Wellness Section is responsible for general health, while the ESHP is responsible for occupational health management. The company also establishes special committees in the event of major outbreaks in infectious diseases such as Severe Acute Respiratory Syndrome (SARS) or avian influenza.