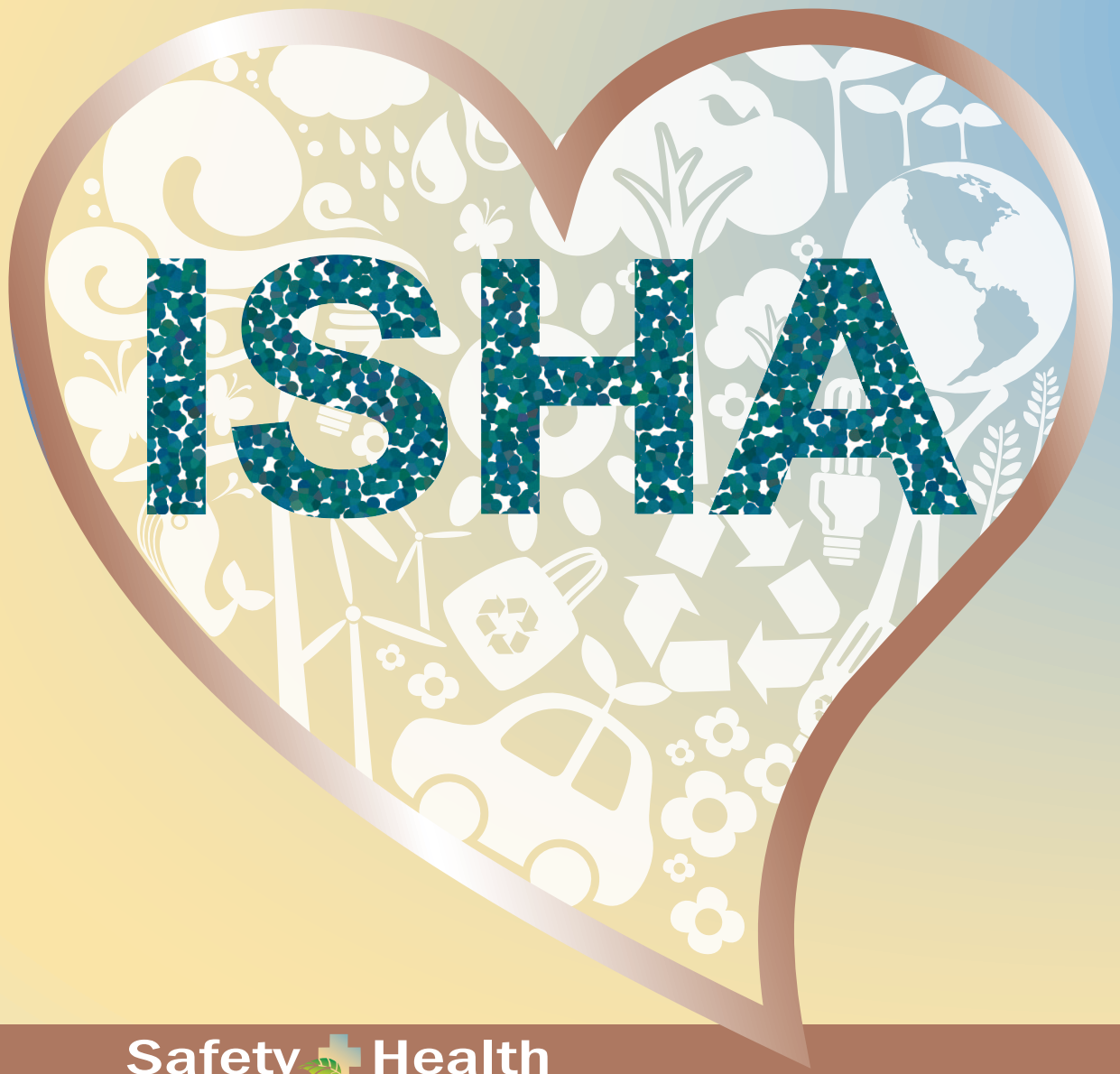


ANNUAL REPORT



Safety  Health

2025



Industrial Safety and Health Association of the R.O.C. (Taiwan)

CSR

Professional

Quality

Service

Innovation

President's Foreword

Established in 1960, the Industrial Safety and Health Association (ISHA) of the R.O.C. is the first non-profit organization dedicated to promoting occupational safety and health (OSH) in Taiwan. For more than six decades, ISHA has worked closely with the government and industry to improve workplace safety, provide professional training, and support the development of safer working environments.

ISHA offers a wide range of OSH education and training programs for managers, operators, and workers across different sectors. Through systematic courses, seminars, and professional programs, the association strengthens safety awareness and enhances competence in preventing workplace accidents.

In recent years, ISHA has introduced innovative approaches to safety education. The Virtual Reality (VR) training enables trainees to experience simulated workplace hazards and learn preventive measures in an immersive environment. ISHA provides technical guidance to enterprises, particularly to small and medium-sized businesses, on occupational safety management, chemical hazard prevention, ergonomics, and workplace health promotion.

Looking forward, ISHA will continue to collaborate with governments, industries, and international partners to strengthen safety management systems and promote healthier and safer workplaces across Taiwan.



Tang Da Toung

Tang Da-Toung
President of ISHA
March 2025

ISHA 2025 Annual Report

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Introduction to ISHA



The Industrial Safety and Health Association (ISHA) of the R.O.C. (Taiwan) was established in 1960 to dedicate to promotion of the industrial safety and health activities. Collaborating with the Ministry of Labor of the Executive Yuan, ISHA has become one of the leading OSH advocates in Taiwan by conducting various safety and health activities, providing numerous educational training sessions, offering assorted technical services, and auditing authorized inspections, etc.



Mission

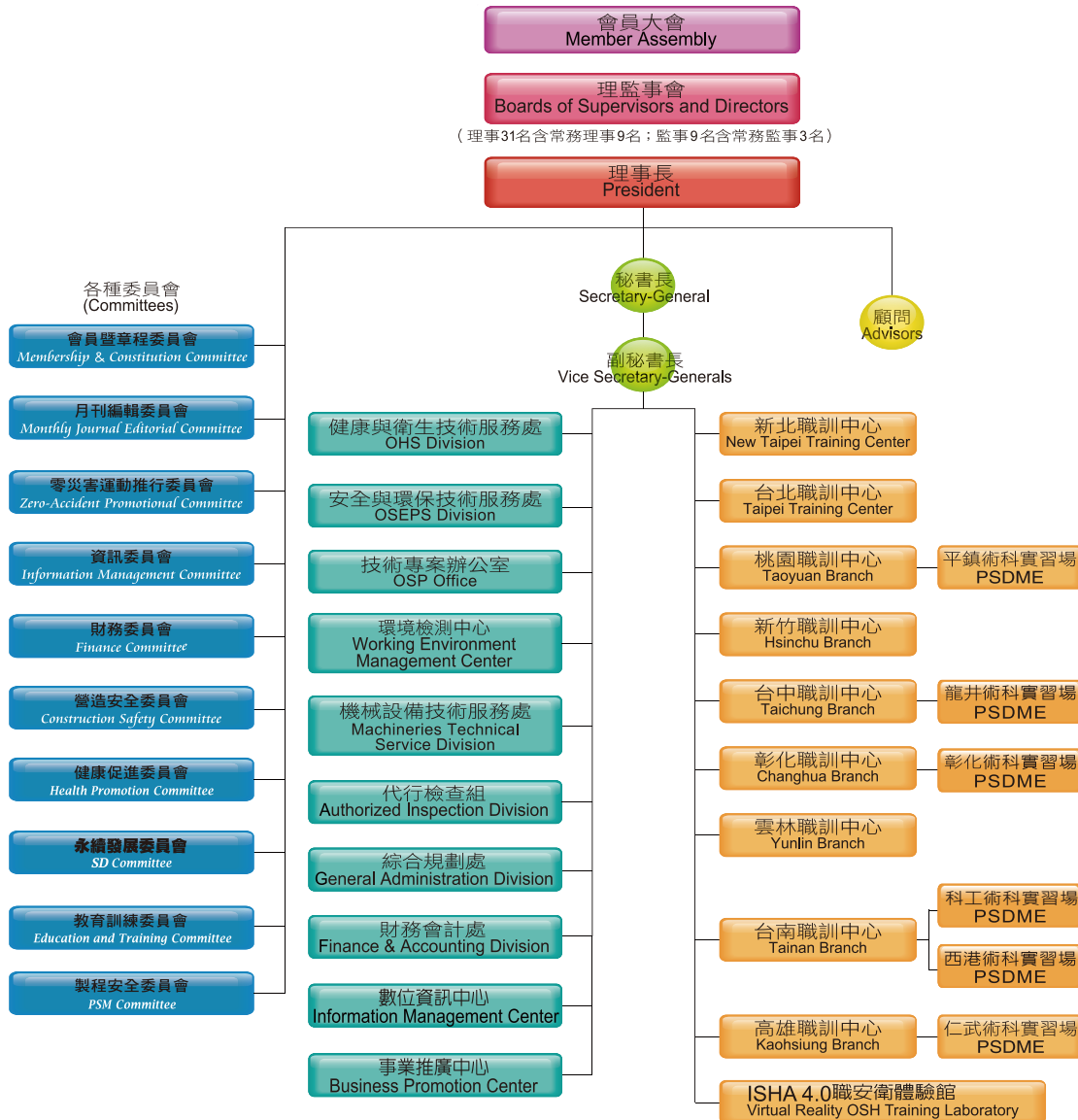
The mission of ISHA is to devote to research on industrial safety and health issues, to prevent industrial accidents, to comply with government policies, and to provide assistance to business entities to improve occupational safety and health.

Core Values

Our core values are Social Responsibility, Professional, Quality, Service and Innovation.

To accomplish these core values, the ISHA works in partnership with governments, employers, employees, professionals and academics through a wide range of quality services.

Organization of ISHA

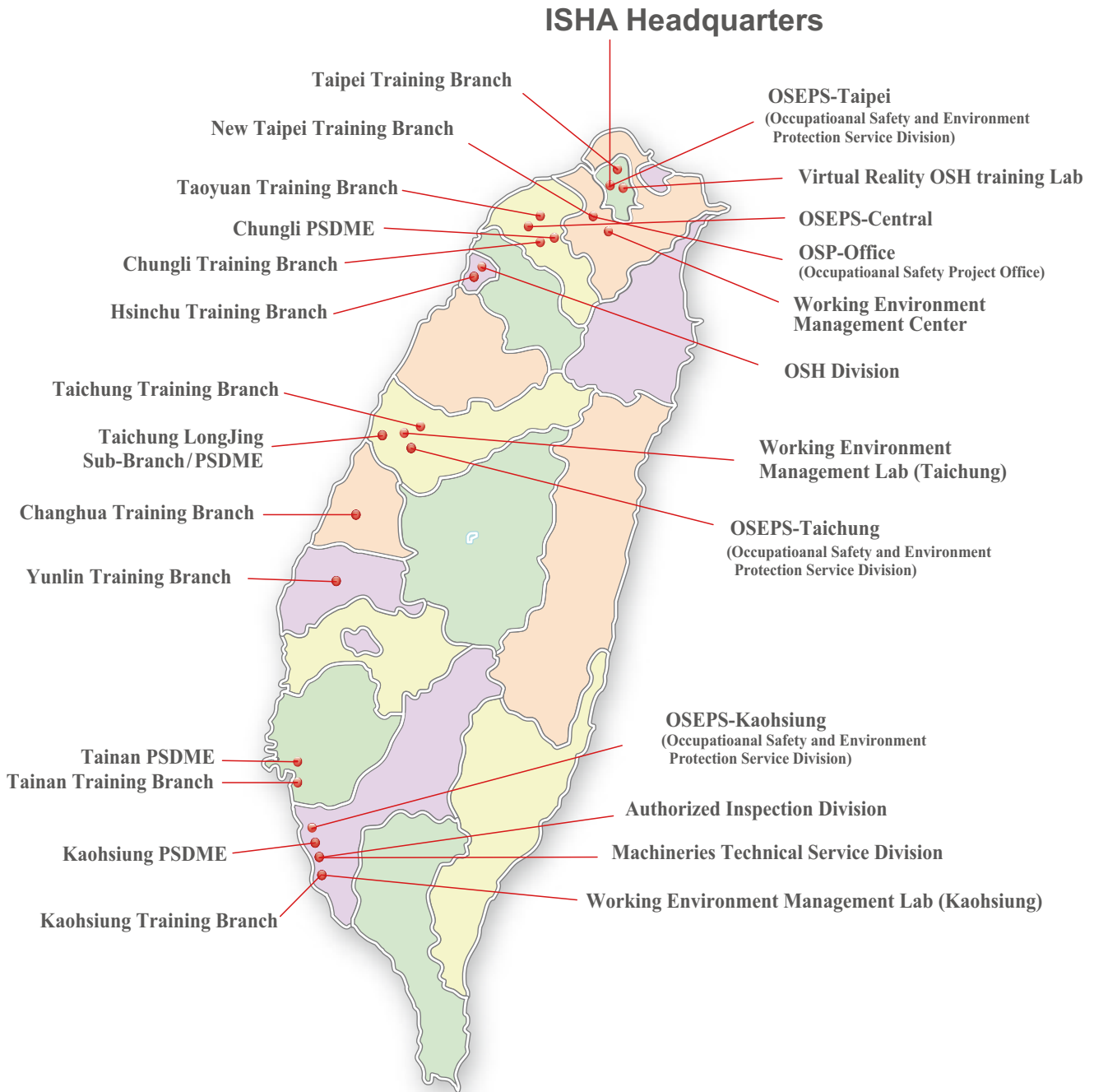


SD: Sustainable Development
PSM: Process Safety Management

OHS: Occupational Health Service
OSEPS: Occupational Safety and Environment Protection Service
OSP: Occupational Safety Project

PSDME: Practice Site for Dangerous Machineries and Equipment
STSP: Southern Taiwan Science Park

Locations of ISHA offices



PSDME: Practice Site for Dangerous Machineries and Equipment
 STSP: Southern Taiwan Science Park

OHS: Occupational Health Service
 OSEPS: Occupational Safety and Environment Protection Service
 OSP: Occupational Safety Project

Part



Review of Activities in 2025



ISHA



Aiming for the objectives of zero accident, improvements of working environments, health promotion and prevention of occupational injuries and diseases, ISHA continued to conduct these following activities in 2025:

I. General Activities

- The 2nd General Meeting of the 18th Term for members was held on April 26, 2025.
- As of the end of 2025, there were 158 corporate members and 665 individual members enrolled with ISHA.
- In 2025, a total of three joint meetings of the Board of Directors and Supervisors, and three meetings of the Standing Board of Directors and Supervisors were held.
- Industrial Safety and Health Monthly was published as scheduled. A total of 438 issues have been published up to the end of 2025. The Monthly has been added to the Airiti Online Library and eBooks, enhancing avenues for research in occupational safety and health.
- ISHA was keeping the record of injury-free working hours for businesses who enrolled with the “Accident-Free Work Hours Recording Campaign” in the year of 2018. From its inception on May 1, 2006 to the end of 2025, a total of 1,687 units participated in this campaign.
- Finance Committee, Membership & Constitution Committee, Zero-Accident Promotional Committee and Property Management Committee, Construction Safety Committee, Wellness Promotional Committee,

Safety Signs Promotional Committee, Innovational and Development Committee, etc. held committee meetings respectively in 2025.

- Mr. Yao Tse-Chiang, ISHA Executive Director, was awarded the Individual Contribution Award at the 2025 National Occupational Safety and Health Awards.
- The Industrial Safety and Health Monthly won the “Best Digital Publication in Engineering” award at the 2024 Taiwan Academic Dissemination Awards.

II. Technical Services

The Technical Services Division provides OSH services on assessment, survey, design, improvement planning, systematic management procedures, and instructions to various industries throughout Taiwan.

The Division also edited and compiled textbooks, pamphlets, guidelines, manuals, handbooks, videos and other OSH-related teaching materials for OSH professionals and businesses. In addition to these routine activities, the Division accomplished the following projects in 2025, which were commissioned by:



Highlights of the group photo session featuring the Chairman and distinguished guests at the ISHA's 2nd General Meeting of the 18th Term

◆ Ministry of Economic Affairs (MOEA):

1. Administration for Industries (ADI)
 - (1) Commissioned the "Project for Enhancing Smart Disaster Prevention Technology in Factories" and completed the Industrial Smart Disaster Prevention Expert Platform.
 - (2) Commissioned the "Smart Petrochemical Sustainable Development Project" and completed on-site diagnoses and in-depth counseling.
2. Bureau of Industrial Parks (BIP)
 - (1) Commissioned the "2025 Factory Risk Assessment and Management Advancement Project for Industrial Parks" and completed chemical supervision, follow-up inspections, and technical counseling.
 - (2) Commissioned the "Park Hazard Prevention Safety Management and Multi-Hazard Mutual Defense Emergency Response Project."
 - (3) Commissioned the "2025 Industrial Park Factory Hazardous Goods Inspection Project" and completed the resource linking for 14 factories.
3. Bureau of Standards, Metrology and Inspection (BSMI)

Commissioned the "Laboratory Occupational Safety and Health Management Audit Project."

◆ Occupational Safety and Health Administration (OSHA), Ministry of Labor:

1. Commissioned to implement the "2025 On-site Guidance Program for Small and Medium-sized Construction Projects (Taiwan's Central Region)" and complete on-site guidance in Changhua County.
2. Commissioned to implement the "Intrinsic Safety Improvement Program for High-Risk Industries" and introduce machinery and equipment risk assessment technology.
3. Commissioned to implement the "Guidance Program for Prevention of Machinery-Related Cutting, Entanglement, and Crushing Injuries."
4. Commissioned to develop the 2025 "Safety Guidelines for Air Conditioner Installation and Maintenance Operations."
5. Commissioned to develop the 2025 "Technical Manual for Occupational Safety Risk Assessment in the Fast-Food Industry."
6. Commissioned to implement the "Subsidy Program for Improving Safety and Health Working Environments in Specific Process Industries."
7. Commissioned to implement the "Green Energy Industry Occupational Safety and International Exchange Promotion Program," which includes arranging for 7 labor inspectors to receive GWO



Mr. Yao Tse-Chiang, ISHA's Executive Director (right 6) awarded the 2025 National Occupational Safety and Health Award for Individual Contribution.

training and conducting 2 overseas study tours (Japan and Australia).

8. Commissioned to implement the 2025 "Safety Risk Prevention Program for Old and Dangerous Cranes" and complete a report on relevant international regulations and safety supervision management.
9. Commissioned to implement the "2025 Occupational Safety and Health Management System Performance Audit and Accreditation Entrusted Review Program." This program involves a gradual transition from the original performance audit program, with its scope expanded to assist the Occupational Safety and Health Administration (OSHA) in strengthening the OSH management system.
10. Commissioned to handle the "Subsidy Case for Occupational Accident Prevention and Occupational Rehabilitation of Injured Workers."
11. Commissioned to implement the "2025-2026 Program for Integrating Occupational Health Expertise and Enhancing Exposure Assessment and Management Technology for Specific Industries."
12. Commissioned to implement the "Program for Enhancing the Effectiveness of Worker Health Services." This involves conducting multiple sessions of expert-collaborative labor inspections focused on worker health services, as well as visits and guidance for health service units in enterprises. It also includes follow-up visits and practical workshops for micro-credit courses at seven schools.

13. Commissioned to handle specific tasks (promotion, commendation and training) under the "2025 Program for Improving Medical Diagnosis, Treatment, and Rehabilitation/Return-to-Work Services for Workers with Occupational Injuries."

◆ **The Institute of Labor and Occupational Safety and Health (ILOSH), Ministry of Labor :**

Commissioned Project: "Research on High-Risk Operation Control and Feasible Measures for the Four Modernizations of Construction." Construction engineering has long been an industry with a high frequency of occupational accidents due to its complex working environments and numerous high-risk processes. This research aims to explore effective control mechanisms for high-risk operations in construction, integrating the core concepts of the "Four Modernizations of Construction" (Standardization of Design, Precast of Components, Mechanization of Construction, and Professionalization of Personnel) to propose concrete and feasible measures for accident prevention.

◆ **Health Promotion Administration (HPA), Ministry of Health and Welfare :**

Commissioned to the "2025-Year Healthy Workplace Certification and Merit Recognition Program".



Achievement Conference of the Presentation on Improving Occupational Safety and Health Conditions in Specific Process Industries

◆ Hsinchu Science Park Bureau

1. Commissioned to the "2025 and 2026 Park Safety and Health Guidance and Disclosure Program".
2. Commissioned to the "2023-2025 Guidance Program for Enhancing Emergency Response and Safety Protection Capabilities of Park Enterprises".

◆ Institute of Occupational Safety and Health (Disaster Prevention and Reconstruction Center)

1. Commissioned to the "2025 Occupational Safety and Health Guidance Program for Micro-Projects and Temporary Operations in the Construction Industry".
2. Commissioned to the "2025 Program for Advocacy of Source Management Regulations for Machinery and Equipment, Seminars on Safety Protection Technology, and Promotion of Practical Automatic Inspection for Industrial Vehicles and Machinery".

◆ National Fire Agency, Ministry of the Interior

"On-site Guidance for Factory Self-Installed Fire Extinguishing Equipment and Alternative Facilities, and Risk Assessment".

◆ Ministry of Education

Commissioned to the "Campus Chemical Information Management Program".

◆ Environmental Protection Bureau, Chiayi City

"114-Year Renewable Energy Power Generation Equipment Inspection Program".

◆ National Yunlin University of Science and Technology

Entrusted to the Central Region Toxic and Chemical Disaster Prevention and Professional Training Center, Ministry of Environment for the "Occupational Safety and Health Guidance and Audit Work".

◆ The Occupational Accident Prevention and Rehabilitation (COAPRE) on :

1. the "Labor Safety and Health Guidance Program for Private Micro Temporary Construction Works," completed a total of 1,803 sessions.
2. the "Promotion and Advocacy of Domestic Machinery Equipment Maintenance and Repair Technology Program." conducted 60 training sessions.



Commendation ceremony for outstanding performance in creating a healthy workplace and outstanding promoters

III. Working Environment Management

Founded in 1999, the Working Environment Management Center of ISHA provided services to various factories and enterprises among its occupational health lab and three branch offices, located in Taipei, Taichung, and Kaohsiung, in 2025:

1. 317 factories for physical factors, 443 factories for chemical factors performed in Taichung.
2. 422 factories for physical factors, 513 factories for chemical factors performed in Kaohsiung.
3. Commissioned to write and revise a total of 1,383 Operation Environment Monitoring Plans.
4. Conducted background noise level measurements for audiometric testing rooms (booths) commissioned by enterprises.
5. Conducted performance testing of chemical fume hoods commissioned by enterprises.
6. Conducted periodic indoor air quality inspections commissioned by enterprises.
7. Conducted drinking water quality testing commissioned by enterprises.

IV. Education and Training

In compliance with government policy for occupational safety and health in Taiwan, ISHA established the first education and training center in

1978 to promote OSH campaign, and to held education and training programs.

The Education and Training Division of ISHA actively holds a series of seminars, campaigns, and demonstrations for OSH training. To meet the needs of trainees from all over the island, branch offices were established in Taipei, Taoyuan, Chungli, Hsinchu, Taichung, Changhua, Yunlin, Tainan and Kaohsiung throughout the years.

1. Training programs includes OSH trainings and training for specific projects, etc. Training courses for Operators in All Industries. A total of 5,496 training courses were offered in 2025.
2. A total of 121 public welfare activities were organized by the branches of ISHA in 2025.
3. The COAPRE commissioned ISHA to conduct 47 sessions of educational training under the "2025 Regulatory Promotion on Source Management of Machinery and Equipment on Safety Protection Technology;along with Practical Promotion of Self-Inspection for Industrial Vehicles and Machinery"project ."
4. TTQS Evaluation: Taipei Training Center was rated Silver Award. Taoyuan, Hsinchu, Yunlin, Tainan, and Kaohsiung Training Centers each rated a Bronze Award . ISHA Headquarters also rated a Bronze Award.



The Taiwan's OSH delegation visited The High Pressure Gas Safety Institute of Japan (KHK) in 2025.

5. OSHA Evaluation:
 - Management Category: Taipei, Zhongli, Taichung, and Tainan Training Centers were rated “Excellent.”
 - Technical Category: New Taipei Training Center was rated “Grade A,” while Changhua and Kaohsiung Training Centers were rated “Excellent.”
6. In 2025, the Nanzih Classroom of Kaohsiung Training Center obtained certification from MOL as a certified vocational training institution.
7. In 2025, ISHA’s education and training operations included:
 - 10 units accredited by the Occupational Safety and Health Administration, Ministry of Labor;
 - 6 units accredited by the National Fire Agency, Ministry of the Interior;
 - 3 units accredited by the Directorate General of Highways, Ministry of Transportation and Communications;
 - 5 accredited testing sites (covering 12 occupational categories) for hazardous machinery and equipment skills certification recognized by the Workforce Development Agency, Ministry of Labor.
8. Accreditation and Recognition:
 - 10 training units have been recognized by the

Occupational Safety and Health Administration of the Ministry of Labor.

- 6 training units have been recognized by the National Fire Agency of the Ministry of the Interior.
- 3 training units have been recognized by the Directorate General of Highways of the Ministry of Transportation.
- 5 sites have been approved as testing facilities for hazardous machinery and equipment skills certification by the Workforce Development Agency of the Ministry of Labor, covering 12 occupational categories in total.

V. Authorized Inspection

The Authorized Inspection Division was established in Kaohsiung in 1985 and was designated by the Ministry of the Interior as an inspection institution for boilers and pressure vessels in Southern Taiwan. In 1988, the Division was further authorized by the Council of Labor Affairs, Executive Yuan, to expand its services to include inspections of hazardous equipment in the region.

1. The Division's jurisdiction covers Chiayi City and County, Tainan City, Kaohsiung City, and the counties of Pingtung, Taitung, Penghu, and



ISHA awarded the Excellence for Dangerous Machinery and Equipment Authorized Inspection

Items	boilers	pressure vessels	high pressure gas equipments	high pressure gas containers	over 3 tons	over 3 tons mobile crane	construction elevator	gondola
Sub-totals	1,575	8,720	14,599	2,478	9,625	3,211	529	180

• ISHA's 2025 Statistics on Dangerous Machinery and Equipment Inspections.

Kinmen. In 2024, a total of 40,553 inspection services were conducted, including welding inspections, structural inspections, completion inspections, alteration inspections, renewal inspections, inspections of pre-existing dangerous machinery or equipment, and periodic inspections.

2. Accredited by the Taiwan Accreditation Foundation (TAF) under the ISO/IEC 17020 international standard; successfully passed ISO 17020 surveillance and renewal assessments in 2020 and 2023.
3. Awarded "Excellent" (Top Grade) in the annual year-end evaluation by the Occupational Safety and Health Administration (OSHA), Ministry of Labor, for the performance of our Delegated Inspection Division.

VI. International Exchange Activities

1. The 39th annual meeting and conference of the Asia Pacific Occupational Safety and Health Organization (APOSHO-39) was hosted by the National Safety Council, India, from November 26 to 29, 2025, in New Delhi, India. On behalf of ISHA, Mr. Shu Chi-Min, General Director of the Board, and Mr. Guo Gan-Syue, member of ISHA, attended the conference.
2. Mr. Lee Lian-Hsiung, SG, led a delegation to participate in the annual conferences of Japan Construction Occupational Safety

& Health Association (JCOSHA) in Kobe from Oct. 2 to 3, 2025.

3. Mr. Lee Lian-Hsiung, SG, led a delegation to participate in the annual conferences of High Pressure Gas Safety Institute of Japan (KHK) in Tokyo, Japan on October 31, 2025.
4. On behalf of ISHA, Mr. Lee Lian-Hsiung, SG, led a delegation to participate in the annual conferences of Japan Industrial Safety & Health Association (JISHA) in Osaka, Japan from Sep. 10 to 12, 2025.
5. The 30th Cross-Strait, Hong Kong and Macao Occupational Safety and Health Symposium was hosted by the China Occupational Safety and Health Association (COSHA) from September 24 to 26, 2024, in Kunming, Yunnan Province, China, from Nov. 16 to 17, 2023, ISHA delegation headed by Mr. Lee Lian-Hsiung, SG.



Opening Ceremony of the 30th Cross-Strait, Hong Kong and Macao Occupational Safety and Health Symposium



ISHA representatives (left 4 and 8) with the APOSHO-39 organizing members.

6. The 2025 International Conference on Occupational Hygiene and Occupational Medicine was held from April 25 to 27, 2025, organized by the Taiwan Society of Environmental and Occupational Medicine and the Taiwan Occupational Hygiene Association. ISHA sponsored NT\$50,000 for the seminar and was presented with a certificate of appreciation.

VII. Virtual Reality (VR) Training for Safety

ISHA developed and provided VR training software in safety include hazard recognition, emergency situations and fall protection training. such as "Safety Publicity Experience from Hazards by Falling or Flying Objects", "Safety Publicity Experience from Hazards with Aerial Work Platform", "Safety Publicity Experience from Exposure to Electrical Hazards on Construction Sites" and "Safety Operation Experience from Hazards with Punching and Shearing Machinery".



ISHA ISO 27001 2022 Certification Awarding Ceremony



ISHA developed VR software to improve industry, government, and schools in organizing occupational safety and health outreach activities.

- Continuously enhance the stability and user experience of existing VR occupational accident experience software, ensuring system updates and technical support.
- Expand the application of interactive occupational safety experiences by developing specialized occupational safety simulation systems for other industries, thereby enhancing trainees' safety awareness.
- Comprehensive VR planning and sales, introducing three models on-site experience classroom setup, rental experience, and on-site visits, while continuously promoting these to educational institutions and enterprises.
- Develop home safety-related simulation experience systems to improve the public's awareness and response capabilities regarding daily safety, promoting safety awareness.
- Integrate multi-language support into existing VR occupational accident experience software, adding a quick language and region switching function to expand its application in related markets.
- In response to technological advancements and the needs of the migrant worker market, gradually introduce multi-language systems and expand their usage in the international industry.
- Continue promoting digital teaching materials on the e-learning platform, increasing platform usage and learner satisfaction to establish the platform as a leading digital resource in the field of occupational safety.
- To strengthen its overall information security awareness, the ISHA has implemented and obtained certification for the ISO 27001 Information Security Management System.



Part

3

Occupational Safety and Health Profile of Taiwan

The logo for ISHA (International Safety and Health Association) is presented within a heart-shaped frame. The letters 'ISHA' are rendered in a bold, blue, textured font. The background of the heart is filled with various icons representing safety and health, including a globe, a lightbulb, a recycling symbol, a person, and a gear.

ISHA



④ Taiwan's OSH Policy and Trend

The setting of Taiwan's occupational safety and health policy is based on the domestic trend of social economic development and occupational accident, international development trend, ILO conventions and guidelines as well as the practices of global advanced countries.



◆ **Occupational Safety and Health Administration (OSHA)**

With reference to International Labor Organization (ILO) conventions, including the “Promotional Framework for Occupational Safety and Health Convention” (ILO No.187) which was announced by the ILO in 2006, Taiwan has taken pro- active steps to define a national OSH policy, to construct a national system of laws, regulations, and enforcement, and to implement national programs for OSH. In taking these actions, OSHA has given shape to an OSH culture based on people which emphasizes workers’ safety and health and has steadily built safer and healthier working environments. OSHA was founded on February 17, 2014 with the goal of enabling every

individual to enjoy a safe, healthy, and decent work environment as well as occupational injury and disease diagnosis, compensation, and rehabilitation services, to safeguard the health the labor force and boost national competitiveness. OSHA’ s current organizational framework is as follows: The Director General is in charge of overall work, with two Deputy Directors General and one Secretary General subordinate to the Director General. There are also four functional divisions, three Occupational Safety and Health Centers, and five supporting offices, based on operational needs. The organizational chart is shown below (Figure1).

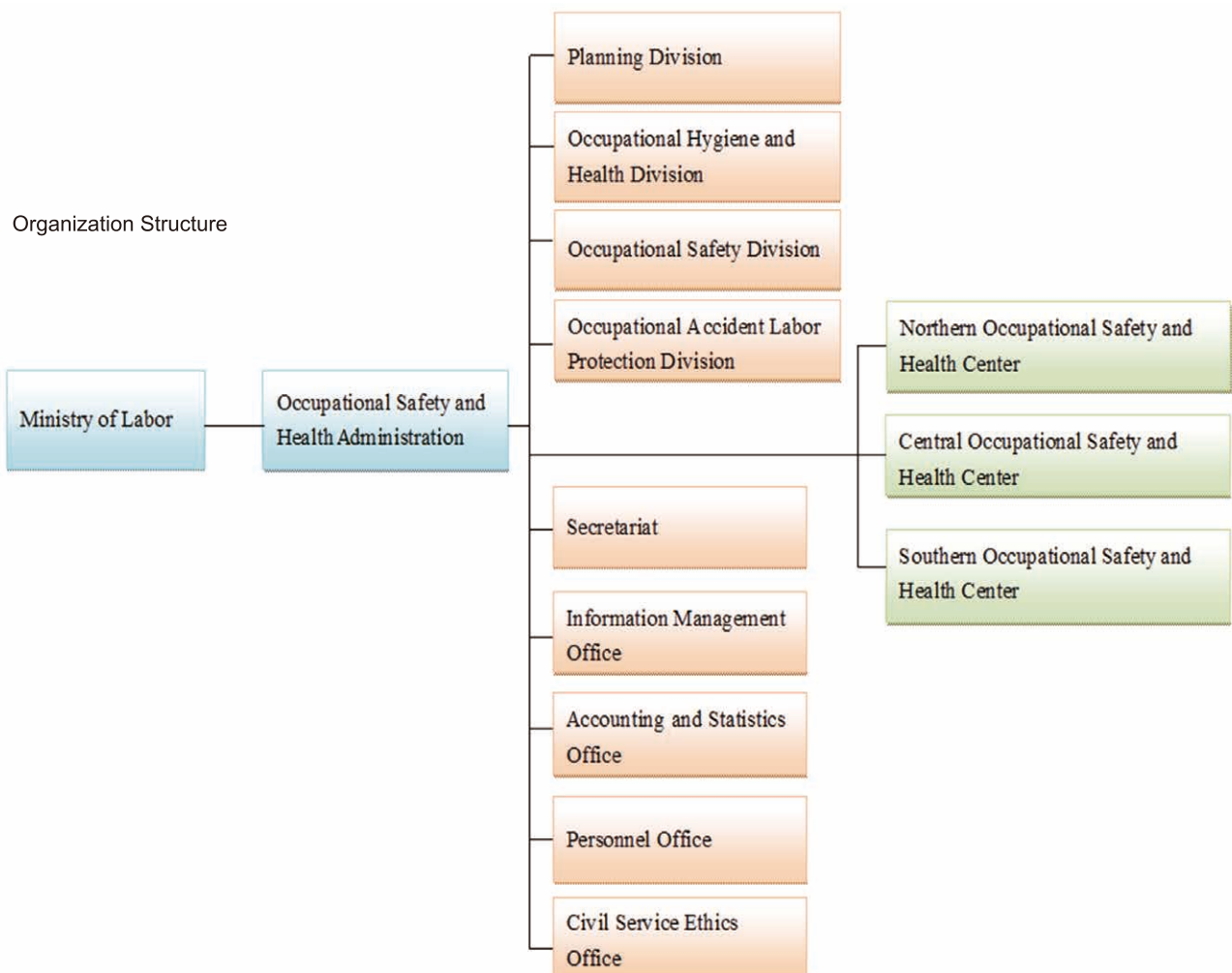


Figure 1 Organization Structure of OSHA

◆ **Taiwan’s OSH collaboration scheme**

The Taiwan’s OSH collaboration scheme of employees, employers, public agencies and relevant organizations is shown on Figure 2.

Ministry of Labor is the central competent authority of Occupational safety and health.

As a subsidiary agency of the MOL, OSHA is obligated to the formulation and execution of occupational safety and health policies. The tasks of OSHA include planning and executing occupational safety and health, occupational accidents labor protection, labor inspection and supervision, and related matters. Its visions are to provide workers with safe, healthy, and decent workplaces, to improve the access to competent services of the diagnosis of occupational diseases, occupational compensation and rehabilitation, and to ensure safe and healthy workforce to enhance national competitiveness.

OSHA vertically integrates planning of the occupational health and safety policies and executions, which strengthens the function and efficiency of occupational accident prevention, speeds up the reduction of occupational accident rates, increases the occupational health and care rates, and ensures workers’ health and safety. Also, by means of further horizontal integration of “Prevention, Compensation, and Rehabilitation”, to bring into the diagnosis of occupational ailments, investigation of occupational diseases, workers’ compensation for occupational accidents and rehabilitation, to strengthen the rights and interests of the victims and to fulfill the goal of Occupational safety and health policies.

Some parts of regional labor inspection are empowered to special agencies of some ministries (such as the Science Park Bureau of Ministry of

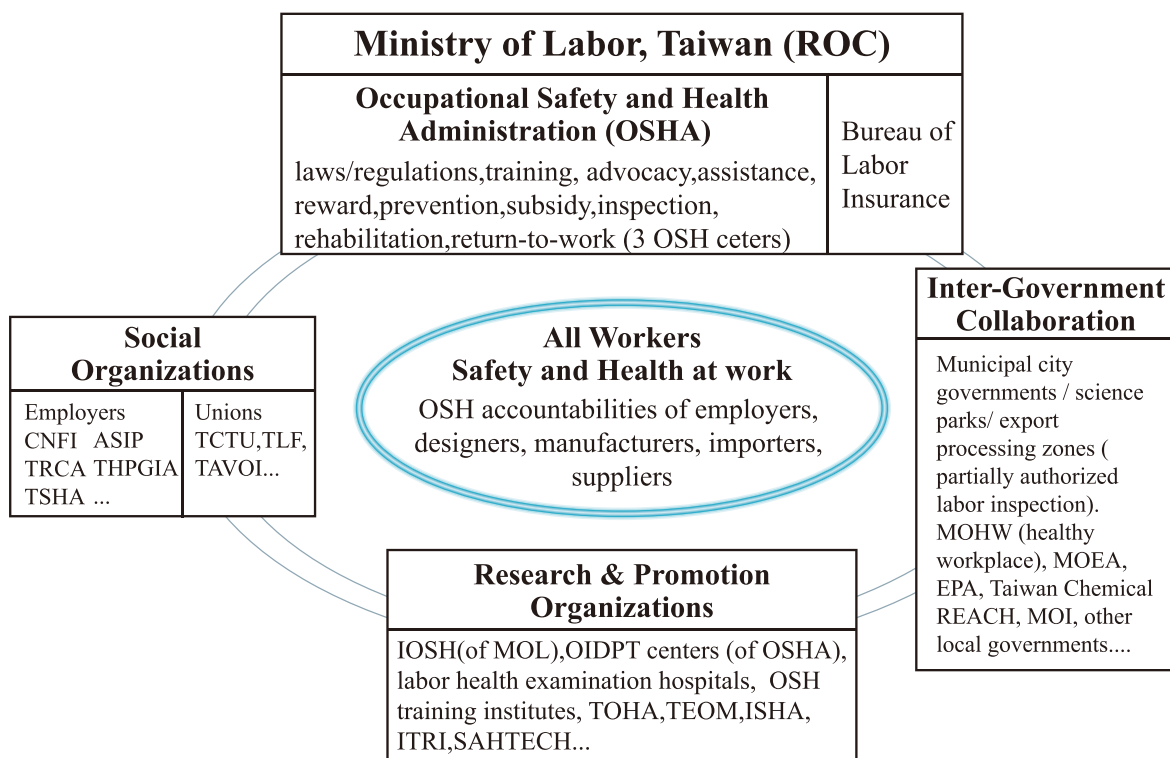


Figure 2 Taiwan's OSH collaboration scheme

Science & Technology and the Export Processing Zone Administration of MOEA) and some municipal city governments. MOL also sets up Institute of Labor and Occupational Safety & Health, Bureau of Labor Insurance and Workforce Development Agency to facilitate OSH related affairs, such as research, assistance, training, and the insurance, compensation and statistics of worker general and occupational accidents.

The intervention strategies of OSHA fostering business entities to fully take OSH responsibility include advocacy, compliance assistance and inspection. Except empowered agencies, OSHA accounts for national labor inspection. The types of inspection include labor conditions inspection, OSH special inspection, cross inspection, labor complaint inspection, occupational accident inspection and general inspection. OSHA also increases presence in the workplace.

Except the necessary inspection candidates, 20% of year list must be the entities either new or not been inspected within 5 years. The trend of occupational accident rate has continuously decreased in recent 10 years due to the effectiveness of numerous national accident prevention programs. By means of advocacy and training, OSHA educates front-line workers and SME to enhance accident prevention knowledge. OSHA also promotes Safety Partnership to collaborate with business entities, organizations and other government agencies for leveraging limited resources to prevent occupational risks, injuries and diseases.

The MOL minister and deputy ministers frequently lead occasional site-visits with relevant agencies and/or local governments to emphasize OSH and to foster the safety culture of business entities.



Figure 3 Taiwan's OSH major programs

◆ Occupational Safety and Health Programs

Taiwan's OSH major programs are as follow (Figure 3) :

- OSH Self Management
- Chemical Registration, Labeling, Communication and Management
- Exposure Assessment and Control
- Occupational Health Service and Diseases Prevention
- OSH Training
- Machinery and Equipment Safety
- Construction Safety
- Process Safety Management
- Occupational Accident Notification, Investigation, Insurance and Compensation
- Occupational Accident Workers Rehabilitation and Return-to-Work
- SME OSH Assistance

◆ 2025 Amendment to the OSH Act

Occupational Safety and Health Act (OSH Act) has been fully applicable to all industries since 2014, reaching its tenth anniversary of implementation in 2024. During this period, Taiwan's occupational safety and health standards have made significant progress. The industrial occupational accident fatality rate and the number of occupational accident deaths have both decreased by 20%.

The key points of the 2025 amendment to the OSH Act include

- A dedicated chapter on workplace bullying
- Source risk management in construction projects
- A joint disaster-prevention responsibility mechanism for contractors
- Higher penalty amounts
- Expanded disclosure of violations

The background of the amendment stems from

the fact that, although the occupational accident fatality rate has declined, major accidents remain frequent, and workplace bullying incidents in the public sector have caused social shock. This amendment elevates workplace unlawful infringement prevention procedures to the level of law, clearly defining workplace bullying and establishing complaint and investigation mechanisms, thereby strengthening employer responsibility.

In terms of disaster prevention at the source of construction projects, the amendment introduces the obligation for project owners to conduct hazard analysis and risk assessment during the design and planning stage, and requires contractors to adopt preventive measures based on safety analyses. This extends disaster-prevention responsibility from downstream employers to upstream project owners, marking a major breakthrough.

Overall, the amendment responds to social expectations, enhances the protection of workers' physical and mental health, and promotes a culture of safety, representing a new milestone in Taiwan's occupational safety and health legal framework.

◆ Institute of Labor, Occupational Safety and Health (ILOSH)

ILOSH involves in the following OSH related researches: safety management, mechanical safety, electrical safety, chemical safety, safety system integration and risk control, construction safety, workplace monitoring, labor exposure surveys, biological monitoring, musculoskeletal disorder prevention, slips/trips/falls prevention, high temperature hazard prevention, noise exposure assessment, non-ionizing radiation evaluation, biological hazards prevention, industrial ventilation, particles and nano-material hazard prevention, health promotion, health protection for female workers,

vocational rehabilitation, vocational mental health, occupational disease surveillance, occupational epidemiology, occupational cancer, prevention of vulnerable population and emerging hazards, etc.

◆ **Center for Occupational Accident Prevention and Rehabilitation (COAPRE)**

The Center for Occupational Accident Prevention and Rehabilitation (COAPRE) was established following the implementation of Taiwan’s Labor Occupational Accident Insurance and Protection Act on May 1, 2022. This landmark legislation created a comprehensive occupational accident insurance system and marked a significant milestone in strengthening worker protection.

With a dedicated budget, COAPRE was specifically

established to undertake critical functions, including accident prevention and post-accident rehabilitation. Its mission is to support employers in improving workplace safety while ensuring timely and effective recovery services for injured workers.

The Act also assists employers in managing compensation responsibilities and encourages active participation in vocational rehabilitation programs. Furthermore, the government has integrated prevention, protection, and recovery services through this dedicated center, enhancing the overall effectiveness of occupational safety and health measures.

The Ministry of Labor emphasizes universal insurance coverage for all workers and urges employers to comply with enrollment requirements. Through these efforts, the system aims to ensure safer workplaces and provide more comprehensive occupational safety and health protections (Figure 4).

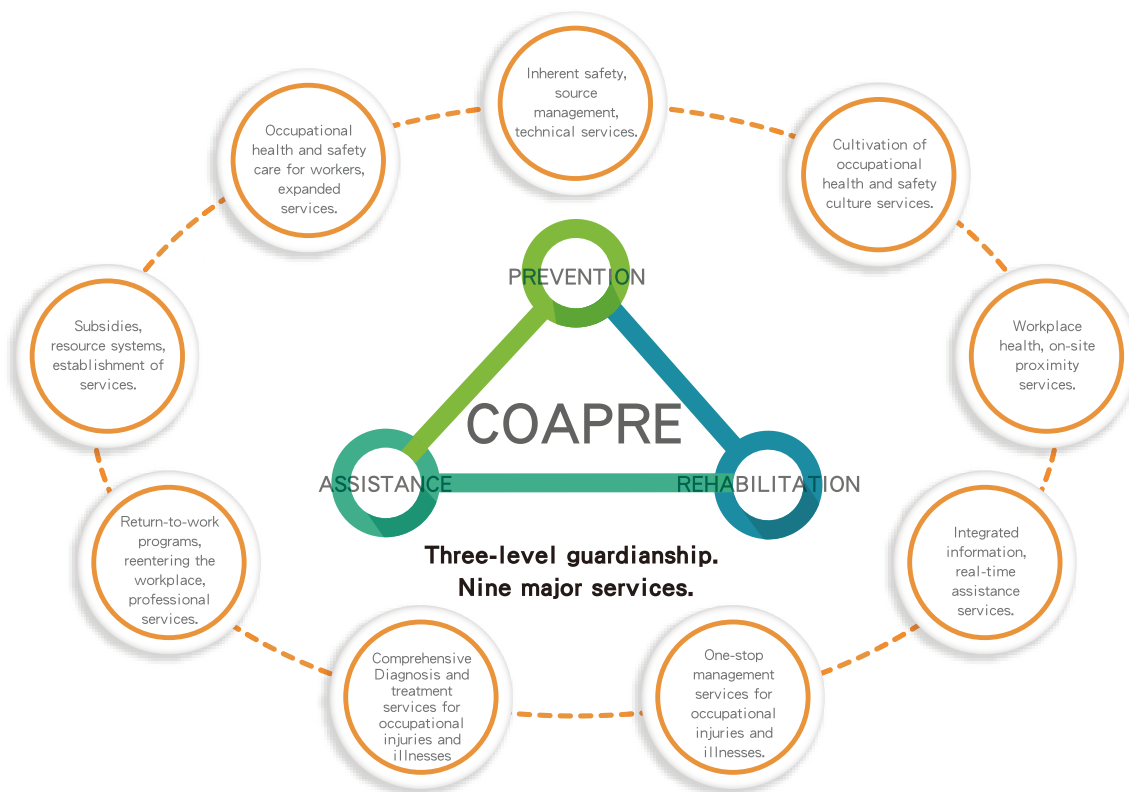


Figure 4 Protection and resource map for occupational accident workers.

Part **4** Appendices



Appendix-1

Statistics of Occupational Injuries in Taiwan from 2022 to 2024

1. The per thousand rate of occupational injuries in all industries

Year	Total	Injury or Illness	Disability	Death
2022	2.269	2.131	0.116	0.022
2023	2.222	2.092	0.105	0.026
2024	2.375	2.256	0.097	0.022

2. The per thousand rate of occupational injuries by industry

Agriculture, forestry, fishing & animal husbandry

Year	Total	Injury or Illness	Disability	Death
2022	1.085	0.943	0.076	0.067
2023	1.170	1.068	0.058	0.043
2024	1.232	1.101	0.087	0.044

Mining & quarrying

Year	Total	Injury or Illness	Disability	Death
2022	5.854	5.056	0.798	-
2023	4.997	4.471	0.263	0.263
2024	2.902	2.375	0.264	0.264

Manufacturing

Year	Total	Injury or Illness	Disability	Death
2022	2.204	1.998	0.190	0.017
2023	2.201	1.995	0.181	0.025
2024	2.235	2.060	0.159	0.016

Electricity & gas supply

Year	Total	Injury or Illness	Disability	Death
2022	0.857	0.779	0.039	0.039
2023	1.151	1.036	-	0.115
2024	1.572	1.422	0.112-	0.037

Construction

Year	Total	Injury or Illness	Disability	Death
2022	7.749	7.312	0.333	0.105
2023	7.502	7.090	0.277	0.135
2024	7.736	7.351	0.262	0.122

Trades (wholesale & Retail)

Year	Total	Injury or Illness	Disability	Death
2022	1.824	1.719	0.090	0.015
2023	1.725	1.631	0.083	0.011
2024	1.927	1.829	0.077	0.021

Accommodation & food services

Year	Total	Injury or Illness	Disability	Death
2022	3.458	3.409	0.045	0.003
2023	3.497	3.471	0.022	0.003
2024	4.050	4.010	0.036	0.003

Transportation & storage

Year	Total	Injury or Illness	Disability	Death
2022	4.374	4.155	0.166	0.052
2023	4.177	3.975	0.159	0.043
2024	4.670	4.511	0.123	0.036

Information & Communication

Year	Total	Injury or Illness	Disability	Death
2022	0.423	0.400	0.017	0.006
2023	0.390	0.373	0.011	0.006
2024	0.426	0.424	0.003	-

Finance & insurance

Year	Total	Injury or Illness	Disability	Death
2022	0.202	0.192	0.005	0.005
2023	0.179	0.176	0.003	-
2024	0.208	0.200	0.008	-

Real estate, rental & leasing

Year	Total	Injury or Illness	Disability	Death
2022	1.440	1.416	0.024	-
2023	1.118	1.088	0.018	0.012
2024	1.161	1.133	0.023	0.006

Professional, scientific & technical services

Year	Total	Injury or Illness	Disability	Death
2022	0.971	0.937	0.027	0.007
2023	0.971	0.859	0.043	0.009
2024	0.957	0.917	0.030	0.011

Educational services

Year	Total	Injury or Illness	Disability	Death
2022	0.507	0.499	0.008	-
2023	0.499	0.480	0.019	-
2024	0.598	0.582	0.016	-

Healthcare & social welfare services

Year	Total	Injury or Illness	Disability	Death
2022	1.137	1.121	0.015	-
2023	1.102	1.093	0.008	-
2024	0.922	0.912	0.010	-

Cultural, Sporting & Recreational Services

Year	Total	Injury or Illness	Disability	Death
2022	1.757	1.721	0.027	0.009
2023	1.585	1.542	0.017	0.026
2024	1.722	1.672	0.051	-

Support Services

Year	Total	Injury or Illness	Disability	Death
2022	2.545	2.435	0.083	0.027
2023	2.510	2.384	0.089	0.038
2024	2.982	2.875	0.081	0.026

Water Supply & Remediation Services

Year	Total	Injury or Illness	Disability	Death
2022	3.696	3.495	0.165	0.037
2023	3.681	3.465	0.108	0.108
2024	4.582	4.175	0.265	0.142

Public Administration & Defense; Compulsory Social Security

Year	Total	Injury or Illness	Disability	Death
2022	0.529	0.445	0.048	0.036
2023	0.744	0.660	0.065	0.019
2024	0.695	0.628	0.053	0.013

Other services

Year	Total	Injury or Illness	Disability	Death
2022	1.627	1.561	0.057	0.009
2023	1.475	1.423	0.035	0.016
2024	1.558	1.510	0.041	0.007

Please Note: Occupational injury incidence rate = Occupational injuries insurance benefit amounts / Insured workers under labor insurance program * 1,000.

Source: Occupational Safety and Health Administration, Ministry of Labor (<http://www.osha.gov.tw>)



Appendix-2

List of ISHA training courses

1 甲種職業安全衛生業務主管教育訓練班	Training for occupational safety and health affair managers (I)
2 乙種職業安全衛生業務主管教育訓練班	Training for occupational safety and health affair managers (II)
3 丙種職業安全衛生業務主管教育訓練班	Training for occupational safety and health affair managers (III)
4 營造業甲種職業安全衛生業務主管教育訓練班	Training for occupational safety and health affair managers (I)-construction ind.
5 營造業乙種職業安全衛生業務主管教育訓練班	Training for occupational safety and health affair managers (II)-construction ind.
6 營造業丙種職業安全衛生業務主管教育訓練班	Training for occupational safety and health affair managers (III)-construction ind.
7 職業安全管理師教育訓練班	Training for occupational safety specialists
8 職業衛生管理師教育訓練班	Training for occupational health specialists
9 職業安全衛生管理員教育訓練班	Training for occupational safety and health personnel
10 高壓氣體製造安全主任安全衛生教育訓練班	OSH training for production safety directors of compressed gases
11 擋土支撐作業主管安全衛生教育訓練班	OSH training for operation chief of soil retaining support operations
12 露天開挖作業主管安全衛生教育訓練班	OSH training for operation chief of open cut operations
13 模板支撐作業主管安全衛生教育訓練班	OSH training for operation chief of form support operations
14 隧道等挖掘作業主管安全衛生教育訓練班	OSH training for operation chief of digging operations in tunnels
15 隧道等襯砌作業主管安全衛生教育訓練班	OSH training for operation chief of lining operations in tunnels
16 施工架組配作業主管安全衛生教育訓練班	OSH training for operation chief of assembly operations with scaffolds

17 鋼構組配作業主管安全衛生教育訓練班	OSH training for operation chief of steel erection
18 有機溶劑作業主管安全衛生教育訓練班	OSH training for operation chief of operations with organic solvents
19 鉛作業主管安全衛生教育訓練班	OSH training for operation chief of operations with lead
20 缺氧作業主管安全衛生教育訓練班	OSH training for operation chief of operations associated with the risk of anoxia
21 特定化學物質作業主管安全衛生教育訓練班	OSH training for operation chief of operations with specific chemical substances
22 粉塵作業主管安全衛生教育訓練班	OSH training for operation chief of operations associated with dusts
23 高壓室內作業主管安全衛生教育訓練班	OSH training for operation chief of interior compressed operations
24 吊升荷重在三公噸以上固定式起重機 操作人員安全衛生教育訓練班	OSH training for operators of fixed cranes with over 3 tons of load
25 吊升荷重在三公噸以上移動式起重機 操作人員安全衛生教育訓練班	OSH training for operators of mobile cranes with over 3 tons of load
26 吊籠操作人員安全衛生教育訓練班	OSH training for gondola operators
27 甲級鍋爐（傳熱面積在500 平方公尺 以上者）操作人員安全衛生教育訓練班	OSH training (I) for boiler operators with over 500 sq M of heating surface area
28 乙級鍋爐（傳熱面積在50 平方公尺以上未滿 500 平方公尺者）操作人員安全衛生教育訓練班	OSH training (II) for boiler operators with between 50 and 500 sq M of heating surface area
29 丙級鍋爐（傳熱面積未滿50 平方公尺者） 操作人員安全衛生教育訓練班	OSH training (III) for boiler operators with less than 50 sq M of heating surface area
30 第一種壓力容器操作人員安全衛生教育訓練班	OSH training for operators of class (1) pressure vessels
31 高壓氣體特定設備操作人員安全衛生教育訓練班	OSH training for operators of specific equipments with compressed gases
32 高壓氣體容器操作人員安全衛生教育訓練班	OSH training for operators of compressed gas vessels
33 小型鍋爐操作人員特殊安全衛生訓練班	Special OSH training for operators of small boilers
34 荷重在一公噸以上之堆高機操作人員特殊 安全衛生訓練	Special OSH training for operators of forklifts with over 1 ton of load

35 吊升荷重未滿三公噸之固定式起重機移動式起重機等操作人員特殊安全衛生教育訓練	Special OSH training for operators of fixed crane, mobile crane, and derrick with less than 3 tons of load
36 使用起重機具從事吊掛作業特殊安全衛生教育訓練	Special OSH training for rigging and hoist with cranes
37 以乙炔熔接裝置或氣體集合裝置（簡稱乙炔熔接等作業）從事金屬之熔接切斷或加熱作業人員特殊安全衛生訓練	Special OSH training for welding, cutting, and heating with Acetylene welding tools or gas operated tools
38 火藥爆破作業人員特殊安全衛生教育訓練	Special OSH training for operators of jobs with dynamite and/or other explosives
39 高壓室內作業人員特殊安全衛生訓練	Special OSH training for indoor operators working under compressed air
40 職業健康服務護理人員安全衛生教育訓練	OSH training for registered nurses of occupational health care service
41 急救人員安全衛生教育訓練	OSH training for first aid personnel
42 一般安全衛生教育訓練	General safety and health training
43 製程安全評估人員安全衛生教育訓練	OSH training for safety process assessors
44 危險物品運送人員專業訓練班	Training for drivers and carriers of hazardous materials
45 防火管理人訓練班（初訓）	Training for fire protection management personnel (initial training)
46 防火管理人訓練班（複訓）	Training for fire protection management personnel (advanced training)
47 一般行業職業安全衛生在職教育訓練	On-the-job occupational safety and health training for general occupational
48 營造業職業安全衛生在職教育訓練	On-the-job occupational safety and health training for general occupationals of construction industry
49 職業安全衛生管理人員職業安全衛生在職教育訓練	On-the-job occupational safety and health training for specialists
50 高壓氣體作業主管,營造作業主管,及有害作業主管職業安全衛生在職教育訓練	On-the-job occupational safety and health training for supervisors of compressed gases, construction, and harmful operations
51 具有危險性之機械或設備操作人員職業安全衛生在職教育訓練	On-the-job occupational safety and health training for operators of dangerous machineries and equipment

52 特殊作業人員職業安全衛生在職教育訓練	On-the-job occupational safety and health training for operators of special operations
53 急救人員安全衛生在職教育訓練	On-the-job safety and health training for first aid personnel
54 施工安全評估人員安全衛生教育訓練	OSH training for construction safety assessment personnel
55 高空工作車操作人員特殊作業安全衛生教育訓練	Special OSH Training for Mobile Elevating Work Platforms Operators
56 甲級化學性因子作業環境監測人員安全衛生教育訓練	OSH training for class A chemical factor working environment monitoring personnel
57 甲級物理性因子作業環境監測人員安全衛生教育訓練	OSH training for class A physical factor working environment monitoring personnel
58 乙級化學性因子作業環境監測人員安全衛生教育訓練	OSH training for class B chemical factor working environment monitoring personnel
59 乙級物理性因子作業環境監測人員安全衛生教育訓練	OSH training for class B physical factor working environment monitoring personnel
60 高壓氣體製造安全作業主管安全衛生教育訓練	OSH training for safety operation supervisors of high-pressure gas production
61 高壓氣體供應及消費作業主管安全衛生教育訓練	OSH training for safety operation supervisors of high-pressure gas supply and consumption
62 屋頂作業主管安全衛生教育訓練	OSH training for safety supervisors of rooftop operation
63 勞工健康服務護理人員及勞工健康服務相關人員安全衛生在職教育訓練	On-the-job OSH training for labor health service nursing personnel and related personnel
64 勞工作業環境監測人員安全衛生在職教育訓練	On-the-job OSH training for working environment monitoring personnel
65 施工安全評估人員及製程安全評估人員安全衛生在職教育訓練	On-the-job OSH training for construction safety assessment personnel and process safety assessment personnel
66 各級管理、指揮、監督之業務主管安全衛生在職教育訓練	On-the-job OSH training for all levels of management, command, and supervisory business supervisors
67 職業安全衛生委員會成員安全衛生在職教育訓練	On-the-job OSH training for occupational safety and health committee members
68 一般勞工安全衛生在職教育訓練	On-the-job OSH training for general laborers

Appendix-3

Main OSH Laws and Key OSH by-Laws of Taiwan

🕒 Main Laws on OSH

Category	Key Phrases of Acts
1. Occupational Safety and Health Act	The Act covers general responsibility of employers, machinery safety, chemical hazard communication & exposure assessment, occupational health protection, maternity and youth worker protection, OSH management, contractor and subcontractor management, severe occupational accident notification, monthly occupational accident statistics, supervision & inspection, penalty, etc.
2. Labor Inspection Act	The Act is enacted to implement labor inspection, enforce labor laws and regulations, protect the rights and interests of employees and employers. The scope of labor inspection includes the enforcement of this Act, Labor Standards Act, Occupational Safety and Health Act and other labor laws & regulations, including process safety management, dangerous machinery/equipment inspection, management of designated inspection agency, inspection procedures, etc.
3. Occupational Accident Labor Protection Act	MOL prepares and allocates (1) the surplus of the incomes and expenditures of the occupational accident insurance program of the Labor Insurance Fund, (2) special budget fund and (3) administrative fines for the expenses of this Act.
4. Labor Insurance Act	The coverage of Labor Insurance is categorized as 1.General insurance (including maternity, injury or diseases, disability, old-age and death benefits) and 2.Occupational accident insurance (including injury or disease, medical- care, disability and death benefits).
5. Labor Standards Act	The Act is enacted to provide minimum standards for working conditions. Employer shall take precautions for the safety and benefit of employees against occupational hazards, create proper working conditions and provide welfare facilities. Original business entity shall supervise the contractor or subcontractor to provide their workers with such labor conditions as prescribed in the Act.

🕒 Key OSH by-laws

Category	Key Phrases of Regulations, Rules and Standards
1. General occupational safety and health	OSH enforcement, safety and health installations, OSH management, risk assessment, self inspection, pregnancy workers, female within one year after giving birth, youth workers, female worker working in night shift, incentives and awards for promoting OSH, etc.
2. General workplace management	process safety management, workplace monitoring, oxygen deficiency prevention, OSH labelling, etc.
3. High pressure gas	worker safety for handling high pressure gases
4. Health management	health examination body management, worker health protection, occupational disease prevention, etc.
5. Education and trainings	worker OSH education and trainings
6. Chemical substances	hazard labelling and communication, permissible exposure levels, intoxication prevention, specific chemical substances, organic solvents, lead, tetra alkyl lead, dusts, etc.
7. Mechanical safety	general safety protection of machine and equipment, type inspection and verification, dangerous machinery and equipment inspection, designated inspection agency, crane, lift, boiler, pressure vessel, industrial robot, etc.

Category	Key Phrases of Regulations, Rules and Standards
8. Specific operations	abnormal atmosphere pressure, work at height, work at high temperature, precision vision work, etc.
9. Targeted industrial sectors	construction, harbor loading and unloading, ship tanker cleaning and dismantling, forestry, mining, etc.
10. Occupational accident protection	occupational accident labor protection enforcement, subsidy and granting, labor insurance during medical care, occupational accident prevention, worker rehabilitation, return to work, etc.
11. Other	labor inspection enforcement, factory act enforcement, imminent dangers, work related injuries and diseases, etc.

Appendix-4

2025 Industrial Safety and Health Monthly Issues

The following table summarizes the content of each magazine issue shown in the grid:

Issue No.	Issue Date	Key Topics
427	2025年一月號	安全文化與法律條文
428	2025年二月號	人工智慧安全應用與能源管理
429	2025年三月號	安全文化
430	2025年四月號	安全文化
431	2025年五月號	51 慶祝勞動節
432	2025年六月號	工安衛AI的運用與挑戰
433	2025年七月號	化學品與化工安全管理
434	2025年八月號	消防安全
435	2025年九月號	設備安全風險評估
436	2025年十月號	職業安全衛生與永續發展
437	2025年十一月號	AI驅動的工業衛生管理
438	2025年十二月號	安全衛生檢討與展望

Introduction of ISHA OSH Experience Center



Audio-Visual Room/Workshops



AR Interactive Zone



Screen/Studio Photography

Visits are welcome by appointment

ISHA 4.0 Occupational Health and Safety Experience Center utilizes digital materials, AR, VR, and other new technologies to promote occupational health and safety education and training, enhancing safety awareness and preventing occupational accidents.

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Digital Training Materials



Knowledge-sharing Talks Recording

Using multi-angle shooting to switch perspectives, enriching the content of educational materials and capturing exciting moments during lectures.



Hands-on Demonstration and Instruction

Filming practical instructional content with split-screen and key learning points, equipment and machinery operation, followed by video editing to present



2D Animation

Transforming spoken content into dynamic visuals, making the information more engaging and easy to comprehend





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