

Vol
131

OCTOBER
2024

KOSHA NEWS

Protecting Worker's Life and Health

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Launch the Four Bans Campaign for Foreign Workers' Safety

- **① Do not disable safety devices, ② Do not operate unfamiliar machines, ③ Do not work without PPE, ④ Do not perform maintenance on operating machines** These essential principles are available in **16 foreign languages**

- The Ministry of Employment and Labor (Minister Kim Moon Soo) and the Korea Occupational Safety and Health Agency (President Ahn Jong Ju) announced the launch of a nationwide Four Bans Campaign to ensure the safety of foreign workers and small-sized workplaces, starting September 25. This campaign emphasizes four essential safety principles designed to prevent common risks faced by foreign workers.
- The safety principles are: ① Do not disable safety devices, ② Do not operate unfamiliar machines, ③ Do not work without PPE, ④ Do not perform maintenance on operating machines. These principles will be illustrated in pictograms for easy understanding, available in 16 languages, excluding Korean.
- Safety Culture Promotion Teams in 39 regions across the country will distribute placards, posters, and stickers, focusing on shipbuilding areas and small workplaces with many foreign workers to spread the campaign.
- "The Four Bans Campaign Challenge" will also be organized to attract public attention, along with promotions at local festivals, events for foreign workers, and through social media and other media outlets.
- Further details about the Four Bans Campaign will continue to be shared via the Safety Promotion Team's website (www.kosha.or.kr/safety1team).

Disaster Prevention Inspection for Industries with Increased Serious Accidents by Region

• 18th On-Site Inspection Day on Wednesday, September 25: Shipbuilding, Cement, and Waste Treatment Industries Monitored

- The Ministry of Employment and Labor (Minister Kim Moon Soo) and the Korea Occupational Safety and Health Agency (President Ahn Jong Ju) announced that they have established inspection plans tailored to industries and common accident types by region on Wednesday, September 25, designated as On-Site Inspection Day.
- Specifically, they will focus on analyzing the types of accidents in industries that have seen an increase in serious accident cases compared to last year, including: ▲ Shipbuilding and repair industry (shipbuilding), ▲ Glasses, ceramics, and cement manufacturing, and ▲ Sanitation and similar services (waste treatment industry), inspecting workplaces to prevent the occurrence of similar disasters. *

Common accident types in major industries

① (Shipbuilding)

- ▲ Block crushing accidents during the movement of blocks, ▲ Falls from ships, ▲ Fires during pipe welding jobs.

② (Cement industry)

- ▲ Crushing accidents involving loaders or dump trucks, ▲ Caught-in accidents involving concrete brick machines.

③ (Waste treatment industry)

- ▲ Explosions during tank cleaning jobs, ▲ Caught-in accidents during the cleaning of waste crushing machines, ▲ Falls from waste claw machines.

Disaster Prevention Inspection for Industries with Increased Serious Accidents by Region

- The recent accident types highlight the importance of adhering to basic safety principles, such as: ▲ Avoiding mixed operations, ▲ Installing fall protection facilities, ▲ Writing and maintaining work plans that include job descriptions and risk prevention measures, and ▲ Implementing lockout/tagout procedures during maintenance. If these principles are followed, accidents can be prevented.
- Therefore, nationwide Regional Employment and Labor Offices and Industrial Safety and Health Inspectors will identify harmful and risky factors in workplaces to rectify them, guiding workplaces to avoid experiencing similar serious accident cases by industries and ensuring the distribution of core safety principles.
- Mr. Choi Tae Ho, Director of Occupational Accident Prevention Supervision Policy, urged workplaces across the nation not to rush to resume operations after the holidays, stating that the Ministry of Employment and Labor will remain vigilant to take preemptive measures to prevent industrial disasters with a focus on the site.



Industrial Accident Prevention Services Become Smarter with the Realization of Digital Platform Government

• KOSHA Establishes Digital Platform Government Plan for 24 Tasks Across 4 Key Strategies Public Convenience Improvement and AI & Data-Based Programs Implemented

- › Innovative industrial accident prevention services will be visualized to reflect the rapidly changing digital landscape, incorporating AI, big data, and digital twins. The Korea Occupational Safety and Health Agency (hereafter referred to as 'KOSHA,' President Ahn Jong Ju) has outlined four key strategies to realize the Digital Platform Government (hereafter referred to as 'DPG') by implementing 24 detailed tasks this year.
- › **The four major strategies are:** ① Establishing an industrial accident prevention hub to improve public convenience, ② Implementing AI & data-driven programs, ③ Fostering mutual growth between the private and public sectors, and ④ Creating a safe environment for industrial accident prevention services.
- › **The detailed tasks include:** ▲ Building a comprehensive industrial accident prevention portal that integrates 50 support systems, ▲ Forecasting, analyzing, and providing real-time safety measures to high-risk workplaces using big data and AI, ▲ Expanding tailored information for platform workers, such as regional weather updates, ▲ Transitioning to paper-free industrial accident prevention services, ▲ Real-time monitoring of chemical exposure levels in high-risk workplaces through IoT technology, ▲ Opening public data relevant to industrial accident prevention, and ▲ Enhancing responses to cyber threats and other issues.

Industrial Accident Prevention Services Become Smarter with the Realization of Digital Platform Government

- KOSHA began outlining tasks to establish the digital platform for industrial accident prevention in June 2024 and finalized the detailed plans, incorporating feedback from citizen participation groups, by the end of August.
- As these tasks are implemented, industrial accident prevention services will undergo digital innovation. KOSHA will present these tasks at the National Agency Directors Meeting to align with other agency heads, promoting them on the website and through LED display boards to raise public awareness.
- President Ahn Jong Ju of KOSHA stated, “KOSHA will advance data-driven decision-making and scientific industrial accident prevention programs through the Digital Platform Government plan. We are committed to enhancing convenient industrial accident prevention services for the public.”



KOSHA Implements Safety & Health Trainings for PICs and Interpreters of Foreign Support Institutions

• VR Experiential Learning of Industrial Accidents Will Reduce Incidents among Foreign Workers

- › The Korea Occupational Safety and Health Agency (hereafter referred to as 'KOSHA,' President Ahn Jong Ju) conducted a 'Safety & Health Capacity Building Training' for persons in charge (PICs) and interpreters from relevant institutions and nine foreign worker support centers at the KOSHA Safety Experience Center in Jecheon, Chungcheongbuk-do, on Thursday, September 12, 2024.

* Foreign workers support centers (9 centers) are located in Busan, Daegu, Incheon, Gwangju, Chungcheongnam-do, Jeollabuk-do, Changwon, Gimhae, and Yangsan.

- › With the increasing number of foreign workers—now reaching 165,000 due to the Employment Permit System (EPS)—concerns have arisen regarding the potential for industrial accidents among those working in high-risk environments. As a result, accident prevention measures are urgently required.
- › This training was designed for PICs and on-site interpreters, totaling 20 participants from six nations, to enhance their understanding of industrial accidents through hands-on experience.
- › The five-hour training was divided into two sessions: a morning lecture on preventing industrial accidents based on case studies from the manufacturing and construction industries, where most foreign workers are employed, and an afternoon experiential session focused on falling, caught-in, and electric shock accidents to facilitate easier sharing of training content with foreign workers.

KOSHA Implements Safety & Health Trainings for PICs and Interpreters of Foreign Support Institutions

- Various training materials, including VR safety experience content, helped immerse participants in the learning process. Interpreter Kyae Thiang from Myanmar commented, “Watching the VR videos taught me about the dangers of industrial accidents and the importance of safety. This will be helpful in providing on-site safety education.”
- Meanwhile, KOSHA also conducted pilot training programs on weekends for 60 foreign workers from 10 nations at the Yeosu Safety Experience Center on August 18, 2024.
- KOSHA will continue to cooperate with foreign workers support centers to enhance the capacity of interpreters and expand training programs for foreign workers.
- President Ahn Jong Ju stated, “KOSHA will expand its support for accident prevention for foreign workers by collaborating with relevant institutions to promote safety training and culture.”



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