

Vol
133

FEBRUARY
2025

KOSHA NEWS

Protecting Worker's Life and Health

KOSHA NEWS

Protecting Worker's Life and Health

vol. 133

FEBRUARY 2025

Contents

Come and Experience Safety Training in Iksan!	03
Easier and Simpler Online and Mobile Risk Assessment	05
"Creating Clean Workplace Project 2025" Subsidies for Creating Safe and Healthy Workplace!	08
Intensive Safety Inspection on Fire, Explosion, and Collapse in the Winter	11

Come and Experience Safety Training in Iksan!

• <Iksan Safety Experience and Training Center> Opened ... Citizens and workers can experience and learn about occupational safety

- ▶ Korea Occupational Safety and Health Agency (KOSHA, President Ahn Jong Ju) held the opening ceremony of the “Iksan Safety Experience & Training Center” in Iksan, Jeollabuk-do, on December 19, 2024 (Thu).
- ▶ The Iksan Safety Experience & Training Center (“Training Center”) began construction in 2022, with a total investment of approximately KRW 22.7 billion. The facility is built with a total floor area of 4,385m² and spans two stories above ground.
- ▶ The Training Center features seven experience halls* and 50 types of educational contents, allowing trainees to realistically experience various types of accidents that occur on construction sites, such as fall accidents. Each facility is designed to meet the educational needs of various industries, and it includes training facilities specialized in smart safety. Notably, a Virtual Reality (VR) safety facility is available, enabling trainees to vividly experience hazardous situations.

* Industrial Safety Experience Halls 1 and 2, Electrical Safety Experience Hall, First Aid Experience Hall, Smart Safety Experience Hall, Virtual Safety Experience Hall, Occupational Safety and Health History Hall

- ▶ Especially, the Training Center has introduced a "Job Experience Program" that allows not only workers in industrial sites but also students, who are prospective workers, to experience a safe workplace in advance. The experiential training is facilitated by

Come and Experience Safety Training in Iksan!

professional instructors who guide participants through hands-on activities while providing lectures on accident prevention measures. Each training session lasts no longer than three hours. Additionally, the center offers experiential training to the general public, helping to raise awareness of safety culture.

- › An Jong Ju, the President of KOSHA said, "With the opening of this Training Center, we hope to provide high-quality safety education to Iksan and the surrounding areas, contributing to the prevention of industrial accidents in the region," and added "We will continue to make efforts to expand excellent experiential training facilities nationwide so that more workers and citizens can benefit from them."

Safety Experience & Training Centers in Korea

Incheon(opened in 2025), Iksan(opened in 2024), Yeosu(opened in 2023),
Damyang(opened in 2023), Jecheon(opened in 2019)



On the 19th, KOSHA held the opening ceremony of the Iksan Safety Experience & Training Center, a facility specialized in industrial accident prevention training, in Iksan, Jeollabuk-do. The center will officially begin operations in 2025.

Easier and Simpler Online and Mobile Risk Assessment

- Find and improve risk factors on the KRAS without the burden of paperwork
- Find method and data easily with the risk assessment data collection

- *"I'm the only one in the office, so the paperwork of the risk assessment is really overwhelming."*
 - ➔ Do the risk assessment easily on the KRAS without paper work!
- *"The person in charge feels lost when trying to start the risk assessment, not knowing where to begin."*
 - ➔ The "Risk Assessment Collection" with training videos and materials will help you!

- The Ministry of Employment and Labor (Minister Kim Moon Soo) and KOSHA(President Ahn Jong Ju) announced on January 2, 2025, that the Korea Risk Assessment System(KRAS)*, an improved system that the small and medium-sized enterprises can also conduct risk assessments easily and simply, without the burden of paperwork will be released. In addition, the "Risk Assessment Collection", an archive that collected training videos and materials for on-site workers, will be provided, too.

* An online and mobile-based computerized system for conducting risk assessments
(kras.kosha.or.kr)

- The newly improved KRAS provides diverse assessment methods for companies to choose according to their own conditions such as three-level risk assessment method (high, medium, low) and checklist method. Users can conduct risk assessments easily and simply using pre-prepared templates, without the burden of paperwork. The system also includes high-risk factor data containing actual fatal accident cases*, which can be used to identify risk factors by process and equipment.

Easier and Simpler Online and Mobile Risk Assessment

* Based on 4,432 accident cases from 2016 to 2021, it provides high-risk tasks and situations, risk factors, and countermeasures to reduce them.

- It also supports a mobile web, which was not available previously. If on-site workers report identified hazards through smart devices, these can be reflected in the workplace's risk assessment. Additionally, the results of the risk assessment can be shared with other workers in real time. The system also provides a Tool Box Meeting (TBM)* management function to share the evaluation results with workers.

* Tool Box Meeting: This is an activity where, just before starting the work, workers gather under the supervision of the team leader or other supervisors to review the work details, confirm safe working methods, and provide safety instructions

- Meanwhile, to make risk assessments easier to follow, training videos for each assessment stage will be provided, along with a collection of safety and health-related materials (21 types) that were previously distributed individually and scattered. The collection can be accessed through the Korea Risk Assessment System (KRAS) and the KOSHA YouTube channel (@koshamovie)."
- Additionally, a "Worker's Participation Guide for the Risk Assessment" containing case studies of risk assessment participation based on worker characteristics, such as foreign workers and temporary workers, will be posted on the KRAS website and the Ministry of Employment and Labor website.
- Kim Jong Yoon, head of the Industrial Safety and Health Agency, emphasized that "The effectiveness of risk assessment comes from identifying actual hazards and continuously improving them.". He also added, "The government will continuously strengthen the risk assessment support infrastructure to allow small and medium-sized enterprises to focus on identifying and improving hazards without the burden of paperwork."

Easier and Simpler Online and Mobile Risk Assessment

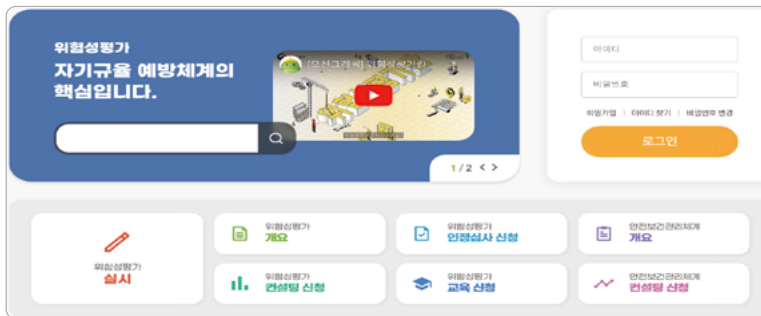
Appendix 1 Introduction of the KRAS^{2.0}

What is the “Korea Risk Assessment System(KRAS^{2.0})”?

About the “KRAS”

■ KRAS means the Korea Risk Assessment System and is a computerized system that supports small and medium-sized businesses in conducting risk assessments easily over the internet by identifying, evaluating, and improving workplace hazards on their own.

* Sign-up process (Access <http://kras.kosha.or.kr>) → Click “Sign-up” → Choose user status (General/Employer) → Terms and Conditions (Agree) → User Information (ID/PW) → Sign-up completed



Main page



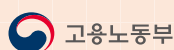
Mobile

How was the KRAS improved?

Category	As is	To Be (Jan. 2, 2025~)
Assessment method	focused on frequency, intensity	Provides various methods, including the 3-level judgment method
mobile	None	Risk factor identification and registration, result sharing, etc.
TBM, etc.	None	TBM log, history & record management, etc.

How do we use the KRAS?

- **First**, risk assessments can be easily and conveniently conducted online.
- **Second**, workers can easily register hazards identified on-site using mobile devices and utilize them for risk assessments.
- **Third**, users can diagnose and verify their companies' level by comparing it with other accredited businesses that have conducted risk assessments.
- **Fourth**, users can download and utilize various resources (such as practical work guide videos, forms, etc.).
- **In addition**, users can apply for and receive assistance with risk assessment consulting, training, and the establishment of safety and health management systems.



“Creating Clean Workplace Project 2025” Subsidies for Creating Safe and Healthy Workplace!

- **MOEL, KOSHA supports the SMEs in 6 sectors including hazardous process improvement Manufacturing industries with fewer than 50 employees can apply from December 31, 2024(Tue)**

- › The Ministry of Employment and Labor (Minister Kim Moon Soo) and KOSHA(President Ahn Jong Ju) announced that the application for the “Creating Clean Workplace Project 2025” will start from December 31, 2024 (Tue). The project was organized to prevent occupational disaster such as serious accidents at small and medium enterprises.
- › The “Creating Clean Workplace Project 2025” is a financial subsidy project that improves hazardous and risky factors in SMEs and small-scale construction sites, which lack the capacity for occupational accident prevention and enhances the effectiveness of occupational accident prevention
- › In 2025, a total of KRW 478.5 billion budget was allocated(KRW 10 billion increased year-on-year) for the project and it will be implemented by categorizing into 3 projects and 6 areas based on the items and target recipients.



“Creating Clean Workplace Project 2025” Subsidies for Creating Safe and Healthy Workplace!

[“Creating Clean Workplace Project 2025”]

Name	Item (equipment)	Recipients	Budget
Safety partner support project	All equipment for process improvement	Manufacturing industries with fewer than 50 employees, etc.	KRW 332 billion
Creating safe workplace support project	Construction site safety equipment, such as system scaffolding and system shoring, for accident prevention	Construction sites with a project value of less than KRW 5 billion	KRW 51.5 billion
	Safety equipment such as safety guards for hazardous machinery	Manufacturing & service industries with fewer than 50 employees, etc.	KRW 24.2 billion
	Smart safety equipment	Manufacturing & service industries with fewer than 50 employees, etc.	KRW 35 billion
Creating healthy workplace support project	Ventilation systems such as local exhaust ventilation	Workplaces requiring ventilation systems for hazardous substances, etc. (Priority support for those with fewer than 50 employees)	KRW 15.8 billion
	Heat illness prevention equipment *Heat-related initiatives are scheduled to begin in March	Workplaces with fewer than 50 employees	KRW 20 billion

* See appendix for more detailed information about recipient's condition and application procedure

- Small and medium-sized businesses or construction site contractors who wish to receive financial support through the project can refer to the announcement on each project's website and apply online, by mail, or in person.

“Creating Clean Workplace Project 2025” Subsidies for Creating Safe and Healthy Workplace!

* (Safety partnership support project) anto.kosha.or.kr, ☎1644-4555
(Creating safe workplace support project) clean.kosha.or.kr, ☎1544-3088
(Creating healthy workplace support project) kosha.or.kr [projects-Financial Support-Creating healthy workplace support], ☎1644-8835

- ▶ Through the detailed announcements for each project, an applicant can check the project details, including how to participate, support criteria, and the application process (for the Creating Healthy Workplace project, applications are accepted offline at local KOSHA branches).
- ▶ KOSHA will determine the target businesses for support based on the priority selection criteria for each project and provide assistance accordingly.
- ▶ President Ahn of KOSHA said, "Small and medium-sized enterprises often cannot make active investments in safety and health improvements due to financial reasons." and added, "Through the Creating Clean Workplace Project, we will help alleviate the difficulties of SMEs and actively work to create a safe and healthy industrial environment."



Intensive Safety Inspection on Fire, Explosion, and Collapse in the Winter

• The 1st On-site Safety Inspection Day 2025 focuses on manufacturing, construction business

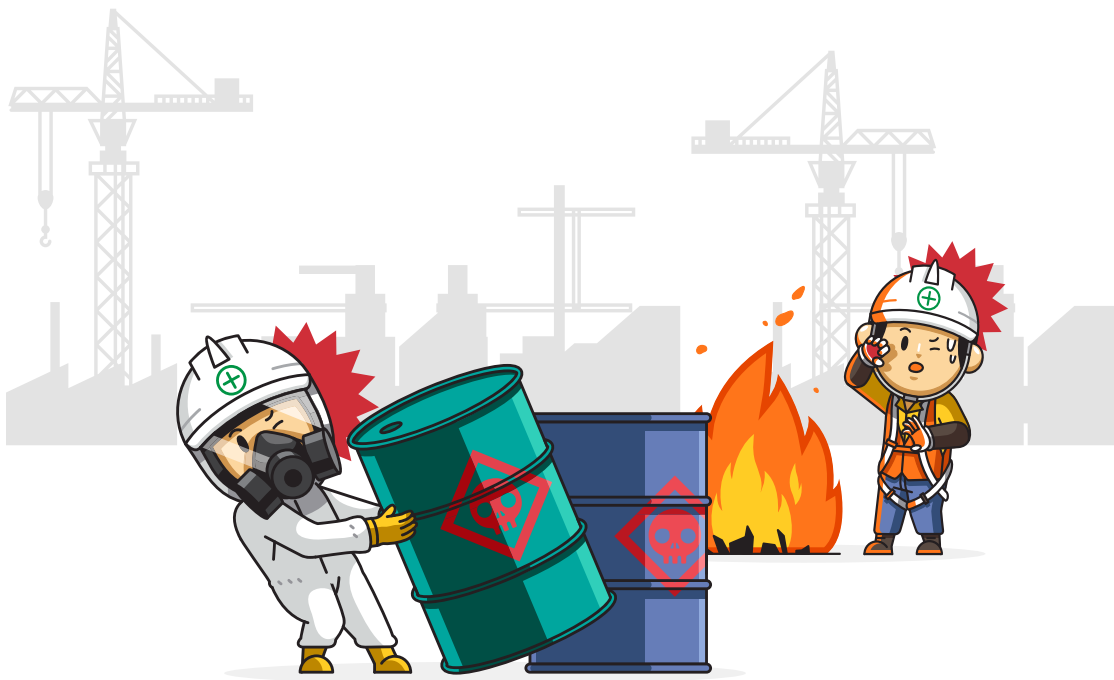
- ▶ The Ministry of Employment and Labor (Minister Kim Moon Soo) and KOSHA (President Ahn Jong Ju) will conduct safety inspection on manufacturing and construction industries to prevent fire, explosion, and collapse accidents that can cause multiple casualties especially during the winter season on the day of the first on-site safety inspection (January 8).
- ▶ During the winter season, the use of heating appliances increases, and due to the cold and dry weather, sparks from welding and cutting operations can ignite nearby combustible materials, leading to accidents such as fires and explosions. Therefore, special caution is required. To address this, inspections will focus on: ▲ Identifying hazardous and combustible materials in the workplace and storing them in safe locations, ▲ Developing work plans for fire-risk operations, and other safety measures.
- ▶ Moreover, in construction sites during the cold winter season, accidents may occur when formwork and scaffolding are removed before the concrete has fully hardened and cause collapse. Therefore, inspections will focus on whether the formwork and scaffolding retention period is being observed, the installation of supports to counteract the decrease in concrete strength, compliance with excavation slope angles, and the installation of earth retaining support structures.

Intensive Safety Inspection on Fire, Explosion, and Collapse in the Winter

- › In addition to the inspection, 3 basic principles and guidelines* to prevent hypothermia and frostbite on outdoor worksites will be informed.

* ① Wear warm clothing, ② Drink hot water, ③ Rest in warm shelters

- › Kim Jong Yoon, head of the Industrial Safety and Health Agency said, "Fire, explosion, and collapse accidents can lead to large-scale loss of life and property, so it is crucial to comply with regulations and procedures, conduct thorough regular inspections of equipment and machinery, and identify potential hazards early." He further emphasized, "It is essential for workplaces to establish systems that enable quick responses in case of accidents, and to ensure that employees can respond quickly and appropriately to emergencies through proper education and training."



KOSHA NEWS

Protecting Worker's Life and Health



Published by

Korea Occupational Safety and Health Agency

400 Jongga-ro, Jung-gu, Ulsan,
44429 Republic of Korea

Tel. +82 52 7030 745

Fax. +82 52 7030 326

E-mail. overseas@kosha.or.kr

Web(Kr). www.kosha.or.kr

Web(En). www.kosha.or.kr/english