



# KOSHA

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# NEWS

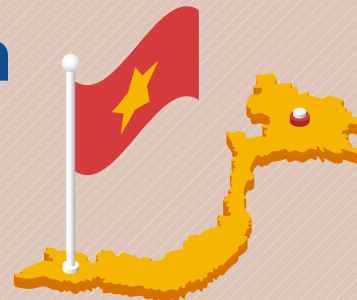
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# Establishing Korean-style Occupational Safety and Health Training System in Vietnam

The MOEL and KOSHA open the Occupational Safety and Health Training Center in Ho Chi Minh City



- Korea's Ministry of Employment and Labor of Korea and the Korea Occupational Safety and Health Agency have been involved in a program(Official Development Assistance) to construct the Occupational Safety and Health Training Center in Vietnam, and now, after three years, the fruits of that effort have been realized.

› KOSHA held an opening ceremony for the new Occupational Safety and Health Training Center in Ho Chi Minh City at 11 AM Korea time on November 24.

› More than one hundred people attended the ceremony on this day, including Ahn Jong Ju, President of KOSHA; Nguyen Ba Hoan Vice-Minister of Labor, Invalids and Social Affairs; officials of the Ministry of Employment and Labor; officials from the Consulate General of the Republic of Korea in Ho Chi Minh City; and businesspeople from Ho Chi Minh City.

## Summary of the Opening Ceremony for the Occupational Safety and Health Training Center in Ho Chi Minh City, Vietnam

### • Time :

from 11:00 AM (Thursday) on November 24, 2022

### • Place :

Occupational Safety and Health Training Center in Ho Chi Minh City, Vietnam

### • Participants :

KOSHA President Ahn Jong Ju; Vice-Minister of Labor, Invalids and Social Affairs Nguyen Ba Hoan; personnel from the Consulate General of the Republic of Korea in Ho Chi Minh City; and others



The Occupational Safety and Health Training Center in Ho Chi Minh City, Vietnam

# Establishing Korean-style Occupational Safety and Health Training System in Vietnam

## The MOEL and KOSHA open the Occupational Safety and Health Training Center in Ho Chi Minh City

- The Republic of Korea provided a wide range of support for this project, establishing a construction safety hands-on training facility; providing training equipment for occupational safety and health issues, lecture materials, training courses and training course textbooks; and cultivating the local trainers for the Center.
  - The Ho Chi Minh City Occupational Safety and Health Training Center is equipped with the latest hands-on training center and practice equipment. The project, which cost some 3 billion won to complete, was jointly promoted by the Korean Ministry of Employment and Labor; the Korea Occupational Safety and Health Agency; the Vietnamese Ministry of Labor, Invalids and Social Affairs. The Vietnamese government provided the site and building for the hands-on training center and equipment.
  - The Center, with 5,000m<sup>2</sup> in total floor area, boasts 11 centers for hands-on training in construction safety and 78 different kinds of training facilities and equipment. Going forward, it will be tasked with nurturing Vietnamese specialists in occupational safety and health.



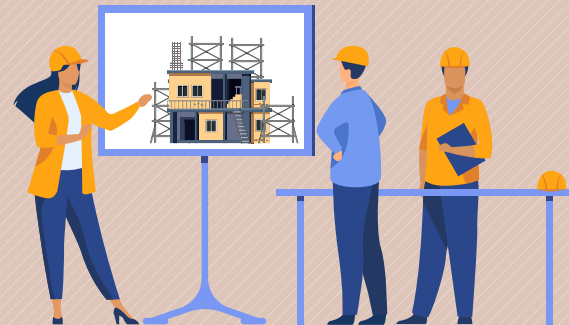
**Hands-on training and practice equipment  
at the Occupational Safety and Health Training Center  
in Ho Chi Minh City, Vietnam**

- KOSHA President Ahn Jong Ju says: “I look forward to seeing the Occupational Safety and Health Training Center in Ho Chi Minh City cultivate occupational safety and health specialists who will help to protect the lives and health of workers. Going forward, we will continue our efforts to improve the standards of occupational safety and health in the Asian region and in developing nations elsewhere as well.”



# New Fall-prevention Technology Transferred Free for Commercial Use at Industrial Sites

OSHRI transfers patented scaffolding free of charge to use on construction sites



## Related accident cases

1. (April 2022) A worker fell (about 5.5m) to his/her death while dismantling a steel pipe scaffolding at a construction site for a multiunit residential building
2. (August 2021) A worker fell (about 8.3 m) and died while dismantling a system scaffolding at a commercial property construction site
3. (May 2021) A worker suffered a fatal fall (about 7.7m) from a work platform on a system scaffolding on a construction site for a business center

- The Occupational Safety and Health Research Institute (OSHRI, Director General Kim Eun-A) has researched and developed a “precedence horizontal safety railing platform for system scaffolding” in an attempt to prevent falls during scaffolding operations at construction sites. OSHRI has transferred the technology for this safety system to private sector enterprises, which have commercialized it.

\* Name: Precedence Horizontal Safety Railing Platform with Supplementary Vertical Members, Patent No. 10-2374870 (date: March 1, 2022)

- The patent for the precedence guardrail platform was registered in March of this year, after which OSHRI transferred the technology free of charge to eight domestic small- and medium-size enterprises. Three of these companies\* have subsequently obtained safety certification (self-assembly guardrail) and commercialized their designs.

\* DHK Tech Industries Co., Ltd.; Gwandeok Steel Co., Ltd.; and Jina Steel Co., Ltd

- When the exterior scaffolding is installed at domestic construction sites, the work platforms are first put in place, starting from the lower level, and working upward. When the scaffolding is dismantled, the safety railings are removed first. Thus, the workers are exposed to a high risk of falling off the edge of the work platforms.

\* Scaffolding is a temporary structure that is assembled and installed around the outside of a building or other structural object that is under construction. It is used as a passageway during the construction project or a platform upon which construction work is carried out.

## New Fall-prevention Technology Transferred Free for Commercial Use at Industrial Sites

**OSHRI transfers patented scaffolding free of charge to use on construction sites**

› To remedy this situation, the OSHRI research team(Bak Ju-dong, et al.) completed development in October 2020 of a technology that greatly improves the way for installing the safety railings on system scaffolding.

- The precedence guardrail platform concept lets workers install the safety railings onto and dismantle them from the edges of the work platforms, starting from the lowest level of the scaffolding and proceeding upward. The system is designed so that the workers remain safe on the lower level work platforms with the safety railings still in place even while the scaffold is being dismantled higher up.

\* Refer to [Attachment 1] for data on the work of scaffolding installation and dismantlement.

› OSHRI produced a video presentation to publicize how this technology is applied at construction sites, and the video was posted on YouTube. The technology was put on display at the Korea International Safety & Health Show(KISS), held during Occupational Health and Safety Week in July of this year, and the response from showgoers was excellent.

\* Channel name: Occupational Safety and Health Research Institute, "Development of the Precedence Guardrail Platform to Prevent Falls in the Construction Industry." Refer to [Attachment 2].

› Recently orders were placed for the new system at private sector(Geoje, Gyeongsang-namdo) as well as public sector worksites, where it was put into use for the first time, and the assessment by the workers was positive.

\* The banner is attached at the public and private sector worksites that ordered the precedence guardrail platform. Refer to [Attachment 3].

- KOSHA's Occupational Safety and Health Research Institute Director General Kim Eun-A says: "We are urging the use of the precedence guardrail platform to prevent falls during the installation and dismantlement of scaffolding at construction sites. Going forward, we intent to step up practical research efforts to prevent fatal accidents at their source on industrial sites.

# How is my mental health status today?

Click onto “Workers' mental health care program” to do a self-examination and get free counseling



- Starting from December 1, the Korea Occupational Safety and Health Agency(KOSHA, President Ahn Jong Ju) has launched a campaign called “Workers' mental health care program,” helping workers (as well as people looking for work) to recover their mental balance.

\* The “Workers' mental health care program” homepage: [www.mindkosha.or.kr](http://www.mindkosha.or.kr)

› The “Workers' mental health care program” campaign was launched to help workers recover their soundness of mind amid circumstances where mental health problems can worsen from such causes as the COVID-19 blues. All you have to do is go to the related homepage to self-assess your mental standing in each of seven categories, including depression, work-related stress, suicidal feelings, post-traumatic stress, and ostracization at work. If needed, you can contact one of the psychological consultancies (Workers' Health Center, Worker Welfare Net, Employment Center) and receive consulting free of charge.

- Meanwhile, the number of Korean workers recognized as industrial accident victims from a psychological disorder has been on the rise over each year over the past five years (2017-21), jumping some 214% from the 126 cases in 2017 to a total of 513 cases in 2021.

› The frequency of psychological disorders recorded for workers by industry category during this five-year period was, in descending order, Other Industries (852); Manufacturing (320); Transportation, Warehousing & Communication Services (113); and Financial & Insurance Activities (81). About twenty percent of these cases resulted in the victim committing suicide, underscoring the importance of mental health management across society.

## How is my mental health status today?

Click onto “Workers' mental health care program”  
to do a self-examination and get free counseling

**No. of Recognized Industrial Accidents from Mental Illness (unit: persons)**

	Total	2017	2018	2019	2020	2021
Victims	1,467	126	201	231	396	513
Fatalities	316	44	76	47	61	88

\* Industrial accident statistics are calculated on the basis of the approval date

- Going forward KOSHA is planning to add various kinds of contents to the “Workers' mental health care program” campaign, to help lead users to a healthier mental state. These contents will include an uplifting
- KOSHA President Ahn Jong Ju says: “Just as people get an annual physical checkup, they also need a chance to reflect on their mental state so that they can recover or maintain a healthy mindset”. I would like “Workers' mental health care program” to serve as an opportunity for workers to take greater interest in their mental health condition.



# Searching for Safety and Health Resources Made Quick and Easy

**KOSHA is producing and disseminating a catalog covering more than 7,000 safety and health materials**



- Korea's Serious Accidents Punishment Act(SAPA) went into effect this year, underscoring the need for businesses to engage in their own programs related to worker safety and health. In response, the Korea Occupational Safety and Health Agency(KOSHA, President Ahn Jong Ju) has produced and distributed publications that elevate the utility and accessibility of online resources.

› The Korea Occupational Safety and Health Agency has, over the years, produced various resources on safety and health in an effort to assist companies with in-house industrial accident prevention programs at their business sites. These resources now more than 7,000 items as pamphlets or other print media forms as well as audiovisual materials such as videos and virtual reality contents, and they are available to the public via the KOSHA website.

- KOSHA's new Safety and Health Resource Catalog is designed to enable persons who are unfamiliar with the internet, particularly those who are middle-aged or elderly, to effectively locate and utilize the materials they want amid the vast volume of resources available.

› The catalog is organized in a menu format so that the resources being offered can also be found easily offline. The materials list is first categorized by language, business type and resource type and then arranged in alphabetical order.

- For example, to find a manual(PPT) in the Korean language on a certain manufacturing process, you first click on "Korean Language," then goes to "Manufacturing" and then find Teaching Manuals(PPT).

› In addition, a dedicated link to the Resource Room and VR Gallery is included so that the resources found in the catalog can more easily be downloaded from the website.

## Searching for Safety and Health Resources Made Quick and Easy

**KOSHA is producing and disseminating a catalog covering more than 7,000 safety and health materials**

- The Safety and Health Resource Catalog is open to the public so that materials in Safety and Health Resources(or Resources) and the dedicated VR Gallery can be downloaded as files.
  - \* Visit the KOSHA website ([www.kosha.or.kr](http://www.kosha.or.kr)) ⇨ Publication ⇨ Safety and Health Resources ⇨ Safety and Health Resource Catalog
- A total of some 5,000 printed materials have been produced and will be distributed nationwide through local labor government offices, KOSHA's front-line institutions, and non-government training institutes.
  - › The KOSHA Media On-site Delivery Service\* is also available so that users can conveniently receive the materials they want at their business sites.
  - \* The service (<https://media.kosha.or.kr>) simply requires the user to pay the delivery charge, and the materials are sent at no extra cost.
- KOSHA President Ahn Jong Ju says: "Information on safety and health issues need to be more accessible for the number of industrial accidents to be reduced. We will continue our efforts to create an environment for information use that is centered on all users."

# Collaborating to Create Safe Workplaces for Persons with Disabilities

**KOSHA and KEAD sign an MOU to jointly pursue the hiring of disabled persons and prevention of industrial accidents**



- Multiple agencies working under the Ministry of Employment and Labor are teaming up to systematically support the employment of disabled workers as well as the protection of their safety and health.

› The Korea Occupational Safety and Health Agency (KOSHA, President Ahn Jong Ju) and the Korea Employment Agency for Persons with Disabilities(KEAD, President Cho Hyang Hyun) have concluded a collaborative business agreement to promote ESG management. The signing ceremony was held in the Main Conference Room at KEAD on November 18<sup>th</sup>(Friday).

\* ESG stands for Environmental, Social and Governance factors.

## Summary of signing ceremony

### • Time and place :

at 16:00, on November 18, 2022(Friday); Korea Employment Agency for Persons with Disabilities Main Conference Room

### • Parties to the agreement :

Korea Occupational Safety and Health Agency(President Ahn Jong Ju) and Korea Employment Agency for Persons with Disabilities(President Cho Hyang Hyun)

- This business agreement has been established to fulfill social responsibilities, which is part of the ESG management program.

› According to the agreement, the two parties shall work together to (1) provide consulting services and training programs on accident prevention at training centers for disabled persons and enterprises that hire multiple disabled persons, (2) develop and distribute contents on safety and health for specific disability types, (3) develop work positions that are suitable for the safety of disabled persons, and (4) organize activities for improving the public perception of persons with disabilities and create new jobs for them.

## **Collaborating to Create Safe Workplaces for Persons with Disabilities**

**KOSHA and KEAD sign an MOU to jointly pursue the hiring of disabled persons and prevention of industrial accidents**

- At the ceremony, KOSHA President Ahn Jong Ju said: “This work agreement is significant insofar as it brings together two agencies with respective areas of expertise to collaborate on the promotion of employment for disabled persons as well as on activities for preventing industrial accidents. Importantly, we expect that this will help to improve the safety and health of disabled workers, who need greater attention and support than other workers do.”
- KEAD President Cho Hyang Hyun added: “Safety and respect for human rights are most needed to ensure the vocational lives of disabled workers. With this work agreement, our two agencies are taking the lead in creating the conditions in which disabled workers can work safely.”



# KOSHA NEWS

Protecting Worker's  
Life and Health



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application should be made to the International Cooperation Center,  
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