

# KOSHA NEWS

August 2019

Protecting Worker's  
Life and Health





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## News

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## Korea's first-ever tower crane practice & training facility scheduled to open

KOSHA held ground-breaking ceremony of practice & training facility for installation·disassembly of tower crane elevated on-site applicability or training by installing tower crane actually used at worksites

01

A practice and training facility to prevent accidents through comprehensive practice-oriented training on installation·disassembly of tower crane, the first-ever of such kinds in Korea, is about to become available.

02

KOSHA held a ground-breaking ceremony for “Practice & Training Facility on Installation·Disassembly of Tower Crane” at the Incheon Regional Office of KOSHA located at Bupyeong-gu, Incheon on July 31<sup>st</sup>.

### Ground-breaking Ceremony for “Practice & Training Facility on Installation·Disassembly of Tower Crane”

#### ▶ Date/location :

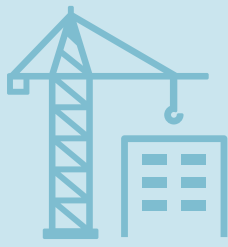
10:30 on July 31<sup>st</sup>, 2019 (Wed), Incheon Regional Office of KOSHA  
(478 Munemi-ro, Bupyeong-gu, Incheon)



Ground-breaking Ceremony

#### ▶ Key attendees :

Park, Doo Yong, the president of KOSHA, Park, Young Man, Director General of the Industrial Accident Prevention and Compensation Bureau at the Ministry of Employment and Labor, Chung, Hoi Un, Chairman of National Labor Union on Installation·disassembly of Tower Crane under Korean Federation of Trade Unions (KFTU), Kim, Su Yong, Vice Chairman of Tower Crane Division under Korean Confederation of Trade Unions (KCTU), Chang, Se Yong, Executive Director of Tower Crane Installation·Disassembly Commission and officials from construction companies and affiliated agencies



## Korea's first-ever tower crane practice & training facility scheduled to open

KOSHA held ground-breaking ceremony of practice & training facility for installation-disassembly of tower crane elevated on-site applicability or training by installing tower crane actually used at worksites

### 03

Tower crane, the equipment to lifting construction materials to high altitudes, is being managed in accordance with the Construction Machinery Management Act (facility safety, such as registration and inspection) and the Occupational Safety and Health Act (safety of workers).

- ▶ Tower crane accidents usually occur during installation-elevation-disassembly works where the accidents soared in 2016 and 2017.
- ▶ Especially in 2017, social outrage was ignited as massive fatal accidents occurred during elevations works at Namyangju, Uijeongbu and Yongin.

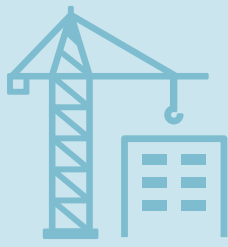
※ 3 deaths and 2 injured at Namyangju, Gyeonggi-do (May 22<sup>nd</sup>, 2017) / 3 deaths and 2 injured at Uijeongbu, Gyeonggi-do (October 10<sup>th</sup>, 2017) / 3 deaths and 4 injured at Yongin, Gyeonggi-do (December 9<sup>th</sup>, 2017)

#### [ Fatalities from Tower Crane-related Serious Accident\* ]

Year	2014	2015	2016	2017	2018
Fatalities	5	1	10	17	0

\* Ministry of Land, Infrastructure and Transport (Press release on December 31<sup>st</sup>, 2018), Ministry of Employment and Labor (Press release on May 2<sup>nd</sup>, 2019)

- ▶ The government established "Preventive Measures on Serious Tower Crane Accidents" through joint efforts by relevant agencies in 2017 in order to prevent tower crane-related accidents.
- Subordinate regulations of the Occupational Safety and Health Act (Ministry of Employment and Labor) were enacted in April, 2018, which stipulates mandatory recording of image records during installation-elevation-disassembly works and reinforcement of training to acquire license on installation-elevation-disassembly of tower crane (144 hours).



## Korea's first-ever tower crane practice & training facility scheduled to open

KOSHA held ground-breaking ceremony of practice & training facility for installation-disassembly of tower crane elevated on-site applicability or training by installing tower crane actually used at worksites

04

KOSHA builds this upcoming practice and training center by injecting the budget of about 5 million USD in order for trainees to gain systematic training on entire procedures of installation-disassembly works with tower crane under the safe environment.

- ▶ At the outdoor training center (4,345m<sup>2</sup>), 3 different types of tower cranes (pin, bolt, ruffing) widely used at construction sites will be installed for the purpose of practices on entire installation-disassembly works.
- ▶ The indoor training center (2 story structure with gross area of 998m<sup>2</sup>) will be featured with 3 classrooms, 3 discussion rooms and practice room to learn operational principles and inspection methods of tower crane.
- ▶ KOSHA plans to finish the construction of training facility by the end of this year and operate training courses for installation-disassembly workers of tower crane starting next year.

05

Park, Doo Yong, the President of KOSHA, said, "I have a high hope that this practice and training facility will contribute to reducing the number of fatalities from occupational accidents by half through outstanding practice-oriented education as the facility is bound to serve as a bridgehead to prevent accidents occurring during installation and disassembly of tower crane."

KOSHA held a ground-breaking ceremony for the practice & training facility on installation-disassembly of tower crane at the Incheon Regional Headquarter located in Incheon on July 31<sup>st</sup>.





# Seeking emergency measures to reduce fatal accidents

Nationwide unannounced inspection launches by 2-people inspection teams for 100 days from July 16<sup>th</sup>

01

KOSHA implements an emergency measure to reduce fatal occupational accidents for 100 days between July 16<sup>th</sup> and October 31<sup>st</sup>.

02

According to the statistics on occupational accidents during the 1<sup>st</sup> half of this year, the number of fatalities from occupational accidents has been decreased; however, the construction industry accounts for a half of all fatal accidents, and the manufacturing industry continues suffering serious accidents, such as fire and explosion.

※ Number of fatalities as of the 1<sup>st</sup> half of 2019 : 503 in 2018 → 465 in 2019 (△7.6%)

Subject	Jan.	Feb.	Mar.	Apr.	May	June	Total (cumulative)
2018/(person)	104	65	89	76	74	95	503
2019/(person)	87	60	94	80	70	74	465
Rate (%)	△16.3	△7.7	5.6	5.3	△5.4	△22.1	△7.6

※ Number of fatalities from occupational accident by business types as of the 1<sup>st</sup> half of 2019

(Unit : people, %)

Industry	June, 2018	June, 2019	Increase/decrease (people)	Rate (%)
Construction	235	229	△6	△2.6
Manufacturing	117	108	△9	△7.7
Others	151	128	△23	△15.2

03

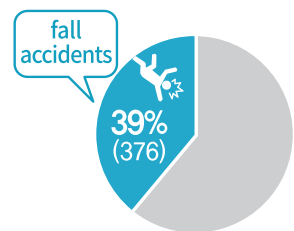
Accordingly, KOSHA implements the emergency measures by temporarily switching its occupational accident prevention project to inspection/patrolling practices focusing on prevention of fatal accidents.



## Seeking emergency measures to reduce fatal accidents

Nationwide unannounced inspection launches by 2-people inspection teams for 100 days from July 16<sup>th</sup>

- ▶ KOSHA mobilizes over 200 inspection teams comprised of 2 KOSHA employees per team to execute unannounced inspections targeting risk-prone worksites around the nation where fall-trap-suffocation accidents are likely to occur.
  - Most of all, in order to prevent fall accidents responsible for 39% (376 deaths) of all fatalities from occupational accidents last year, KOSHA plans to bring 80% of inspection manpower to construction sites.
  - Moreover, by injecting 27 new patrol vehicles for occupational safety, KOSHA aims to perform inspections on the region where construction sites are concentrated.
- ▶ For the sites in lack of preventive measures against occupational accidents based on the outcome of such inspections, KOSHA is to request immediate rectifications and also to request competent regional employment and labor administrations for supervision if ever such request for rectification is refused.
- ▶ For the purpose of successful implementation of these emergency measures, KOSHA will assign its directors and managers to oversee each region and monitor the progress of those measures.
- ▶ Concurrently, KOSHA runs extensive promotional efforts in order to educate the significance of reduction of fatal occupational accidents and encourage fulfillment of preventive measures for occupational accidents during the period of implementing these emergency measures.



04

Park, Doo Yong, the President of KOSHA, said, “The success of the effort to reduce fatal occupational accidents heavily relies on how to proceed with the occupational accident prevention project during the summer season when fatal accidents mostly occur.”

- ▶ “All executives and employees at KOSHA are determined to successfully reduce fatal occupational accidents by promoting the latest emergency measures,” Park noted.



## The first certificate for private enterprise to ATXPERT Safety Experience Center

01

KOSHA awarded the second certificate of Safety Hands-on Training Center to ATXPERT Safety Experience Center operated by S&I Corporation on July 24<sup>th</sup>.

### Award Ceremony for Certificate of Safety Hands-on Training Center

▶ **Date & Location :**

10:30 on July 24<sup>th</sup>, 2019 at 6th Floor of LG Mapo Building located at Mapo-gu, Seoul

▶ **Attendees :**

Officials from KOSHA and S&I Corporation



▶ Certification by the safety hands-on training center represents a system to cultivate effective prevention for occupational accidents by expanding opportunities for workers to access superb training programs through discovery of outstanding private training centers offering experience and practice-oriented safety and health training.

- Training centers intending to obtain certification only need to submit an application form to KOSHA, and KOSHA will issue a certificate after comprehensively reviewing the operation plan on safety and health training as well as facility, manpower, equipment and accessibility of the training center.

02

The latest certificate was the second of its kind after the first certificate was issued to the Ulsan Safety Experience Center operated by the Ulsan Fire Department and the first-ever certificate given to a private agency.





## The first certificate for private enterprise to ATXPERT Safety Experience Center

- ▶ ATXPERT Safety Experience Center nested at the space of 1,406m<sup>2</sup> at the 6th floor of LG Mapo Building is equipped with 22 experience programs at 3 districts, including

△ safety experiences (18 programs)

△ technical practice (3 experience programs) and

△ theoretical lecture and emergency treatments (1 experience program)

- The training is available between 8:30 and 17:30 during weekdays where reservations need to be made in advance.

- ▶ When safety and health training under the Occupational Safety and Health Act is given at the ATXPERT Safety Experience Center, the hours of completing the training will be recognized as doubled.

- At the same time, the center plans to offer a new training program targeting officials in the field of building management business.

03

A staff of KOSHA said, “We have high hopes that this certification program is to make tremendous contribution to preventing occupational accidents since the certification program on safety experience training centers offers many workers an opportunity to gain first-hand experience on high quality training on safety and health.”

- ▶ Noh, Young Taek, the head of business department at S&I Corporation, said “we will continue making efforts to elevate safety awareness and safety competence for workers by delivering experiences and actual practices regarding harmful·hazardous elements.”





## Civic participating innovation group meeting

01

KOSHA hosted a meeting with the Civic Participating Innovation Group at the meeting room of the KTX Daejeon Station on July 22<sup>nd</sup> to discuss innovation measures for this year.

- ▶ The Civic Participating Innovation Group consisting of civic members from all walks of life was launched last June in order to reflect public opinions on the occupational accident prevention projects and operation of KOSHA.
- ▶ During the meeting, △ the role and future plan of the Civic Participating Innovation Group, △ the last year's performance and △ the innovation plan for 2019 and governmental directions on innovation were shared and discussed.
  - At the meeting, members asked KOSHA to make better efforts to realize social values and develop innovative ideas to prevent occupational accidents, including △ resolution of blind spots for socially vulnerable groups, such as migrant workers and migrant women through marriage, △ creation of jobs and △ implementation of win-win projects between local communities and small-and-medium-size enterprises.
  - In addition, KOSHA issued letters of appointment to 17 civic members newly appointed this year.

02

A KOSHA staff said, “We plan to endeavor to improve executive capability concerning innovation assignments, including enhancement of catholicity, improvement of economic viability, expansion of active administration and construction of foundation for fair economy, through activities engaged in by the Civic Participating Innovation Group during this year.”

- ▶ “And based on such efforts, we aim to accelerate innovations which the general public can empathize with and contribute to improving the quality of life for everyone,” the staff added.

KOSHA held a meeting with the Civil Participating Innovation Group at the meeting room of the KTX Daejeon Station on July 22<sup>nd</sup>.





## A proclamation ceremony on safety and health management hosted by KOSHA

01

KOSHA hosted a proclamation ceremony on the safety and health management at the main office of KOSHA located in Ulsan on July 9<sup>th</sup>.

- ▶ At this ceremony, both labor and management of KOSHA declared to place the highest priority of its management on the procurement of life and safety for the general public as well as all executives and employees of KOSHA and agreed to work together to fulfill the goal of safety and health management.
- To accomplish the above, KOSHA has recently established the basic safety plan of which key issues include △ construction of system to implement safety management, △ construction of management system for self-regulating safety and health, △ enhancement of executive capability for safety management and △ implementation of infrastructure for public safety.

02

Park, Doo Yong, the President of KOSHA, said, “As a professional organization on safety and health, KOSHA is dedicated to setting an example on safety management for public institutions in order to prevent accidents for the public and our executives and employees.”



KOSHA hosted a proclamation ceremony on safety and health management at its head office located in Ulsan on July 9<sup>th</sup>. (President Park, Doo Yong, 7<sup>th</sup> from the left, Chairman Lee, Tae Hyeong of the Labor Union of KOSHA, 8<sup>th</sup> from the left)



# Appreciation Plaques to Participating Agencies at 2019 Safety & Health Job Fair

01

KOSHA presented appreciation plaques to 14 agencies and business enterprises that participated in the 2019 Safety and Health Job Fair at the meeting room located at the KTX Seoul Station on July 26<sup>th</sup>.

- ▶ The Safety and Health Job Fair was held during the Occupational Safety and Health Week at the Seoul KOEX, which was offered for 3 days from July 1<sup>st</sup> to 3<sup>rd</sup>, as an event aimed to create jobs in the field of safety and health.

Safety &amp; Health Job Fair



Park, Doo Yong, the President of KOSHA, (4<sup>th</sup> from the left on the front row) joined commemorative photo ops after presenting appreciation plaques to 14 agencies and companies which participated in the 2019 Safety and Health Job Fair.

# KOSHA NEWS

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