



CONTENTS

News

- 03** More Financial Supports for Safety Facility at Small Construction Sites
- 05** Aids Available for Development Costs of Safety Products at Industrial Sites
- 07** KOSHA-24! and New Occupational Accident Prevention Services
- 08** Live-in Professional Counselor Takes Care of Workers' Health at All Times
- 10** KOSHA Earned the Highest Grade from Evaluation of Corruption Prevention Policy

Mutual Cooperation

- 11** Enhanced Cooperation for Advancement of Occupational Health & Safety in Developing Countries
- 12** OSH Support Group launched for PyeongChang 2018 XXIII Olympic Winter Games

OSHRI

- 13** Analysis of Workers' Disease Incidence by Using Big Data

OSHTI

- 14** Meeting of Experts to Improve Training Course for Installation and Removal of Tower Crane

More Financial Supports for Safety Facility at Small Construction Sites

KOSHA expands the Clean Construction Project for fall prevention at construction sites.



01

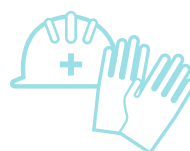
Fall accidents are one of the industrial accident types that occur the most frequently at construction sites.

- The number of fatalities in the construction industry is estimated at 464 (tentative number) from the businesses subject to investigation for serious industrial accidents by the Ministry of Employment and Labor in 2017, which accounts for 56% of all fatalities throughout the entire industries. From the number above, 61% (284) of those fatalities were resulted from the fall.

02

KOSHA currently implements a project to support clean construction workplaces by providing aids for the costs to install the facilities preventing the falls in order to protect construction workers from the fall accidents.

- The importance of installation of safety facility to prevent industrial accidents became evident as the fall accidents were reduced by approximately 24% when fall-prevention facility is installed through this aids compared to those sites without such facility.
- Candidates for this project are small construction sites with a budget less than ₩2 billion where aids are provided by KOSHA for part of the costs for leasing and purchasing safety facility to prevent falling.
- Facilities eligible for the aids include the system scaffold (lease/installation/dismantlement), safety net (installation) and ladder-type work plate (purchase).



More Financial Supports for Safety Facility at Small Construction Sites

KOSHA expands the Clean Construction Project
for fall prevention at construction sites.



- Inquiries for information on the aids can be made through local headquarters and branch offices* of KOSHA at each region, and the information is also available through the official website** of KOSHA.

* Official website of KOSHA (Korean version) > About KOSHA > Find Jurisdiction, Local Headquarters/Branch Office of Construction Department at Applicable Region

** Official website of KOSHA (Korean version) > Our Business > Safety Culture > Support for Clean Workplace (Construction)

03

Most of all, this year's budget for the aids has been increased* by ₩3.8 billion from the previous year to bring more opportunities to participate for more small construction sites where about 380 sites are expected to be additionally benefited from this program.

* Budgets for the Aids : ₩20 billion in 2017 → ₩23.8 billion in 2018

- At the same time, a meeting is scheduled on February 8th in order to offer better understanding upon new budgets and implementation guidelines of the project for this year for personnel in charge at KOSHA and business owners of facility suppliers.

▶ Public Meeting for Clean Construction Project

- When & Where : Auditorium at the headquarters of KOSHA, Ulsan on February 8 (Thu), 2018

- Participants : Approximately 150 people including KOSHA's person in charge and business owners of facility suppliers

04

An official of KOSHA explained, "It has been proven that the number of fall accidents was definitely reduced at the small construction sites with the aids to install safety facility through the Clean Construction Project."

- "We hope more small construction sites to participate in order to protect the lives of field workers since more aids are now available for more businesses," the official added.



Aids Available for Development Costs of Safety Products at Industrial Sites

KOSHA provides funds for research and development of protective equipment and gears



01

The Occupational Safety & Health Certificate Institute under KOSHA provides funds for research and development of protective equipments and gears in order to promote global expansion of outstanding safety products.

- Eligibility extends to manufacturers* of protective equipments and gears where the aids funds are to be offered within 50% of the costs for research and development (up to ₩50 million) and purchase of test equipment (up to ₩20 million).

* Those manufacturers are required to have obtained safety certificates for protective equipments and gears or have completed voluntary safety conformation report, and they also need to be registered as a manufacturer at the KOSHA.

- The businesses that intend to apply may file an application* via mail or online by March 2nd after downloading an application form the Public Notice at the official web-site of KOSHA (<http://www.kosha.or.kr>).

* Information: Staff in charge of the Aids at the certificate center (052-703-0959, sydy10141@kosha.or.kr)

- Decisions on applications will be announced during the month of March following applicable reviews**.

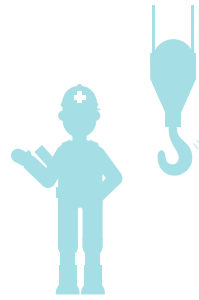
** Major Subjects for Review concerning Application for Aids

Research & Development	Propriety, competence and expectancy effects of the R&D
Purchase of Test Equipment	Usability and expectancy effects of R&D and quality control using the equipment purchased

- Last year, a total of 10 manufacturers were benefited from the aids. One of the recipients of R&D aids, Geoseong Echo Co., Ltd. successfully developed an 'insulation protector' and filed an application for patent in Korea.

Aids Available for Development Costs of Safety Products at Industrial Sites

KOSHA provides funds for research and development of protective equipment and gears



02

Kim, Bong Ho Director General of Occupational Safety & Health Certificate Institute under KOSHA, said, "I sincerely anticipate that this aids fund helps strengthen competitiveness of Korea small and medium-sized enterprises and expand distribution of superb products to eventually bring positive effects on prevention of industrial accidents."

- "KOSHA is determined to fulfill its responsibility as a public institution by supporting the win-win growth of both small-and-medium-sized businesses and the safety product market in Korea," Kim added.



KOSHA-24! and New Occupational Accident Prevention Services



KOSHA implements 'KOSHA-24' to improve the public's rights to know by integrating e-civil complaints center and information of KOSHA

01

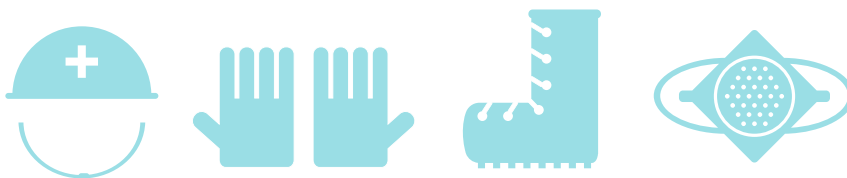
KOSHA (President : Park, Doo Yong) opened 'KOSHA-24,' a new occupational accident prevention service where information of KOSHA is added to the e-civil complaints center currently in operation.

- For the purpose of strengthening the public's rights to know, KOSHA-24 is designed to collect and provide all types of information, including various kinds of civil petition forms, information on laws and guidelines and statistics of occupational accidents, which used to be offered through a variety of platforms as well as official website of KOSHA.
- KOSHA also made extra efforts to improve convenience for the public by installing a separate banner at a location within the main screen where users can easily access.
- KOSHA plans to progressively improve and continuously operate the website.

02

President Park said, "the provision of safety information for the general public to easily access is the first step to ensure the safe society."

- "I sincerely hope the contents offered through KOSHA-24 to be the first step to deliver new services for prevention of occupational accidents," Park added.



Live-in Professional Counselor Takes Care of Workers' Health at All Times



Outstanding workplaces selected for excellent health promotion activities for workers in the 2nd half of 2017

01

KOSHA (President : Park, Doo Yong) named 8 workplaces, including the Korea Land and Housing Corporation, to be the outstanding workplaces for excellent health promotion activities for workers during the 2nd half of 2017.

- The workplaces selected this time were recognized for their cooperation between labor and management to enhance their successful health promotion activities, including invitation of outside experts, promotion of management programs for each factor and concentration of company-wide capabilities.

Some of the Cases from Outstanding Workplaces for Health Promotion Activities in the 2nd Half of 2017

- Korea Land and Housing Corporation :

Operation of stress management program such as family camp; consultation for all employees (a total of 1,732 employees) by live-in professional counselors;

- LIME Business Department / Pohang/Hwaseong Office of POSCO CHEMTECH :

The ratio of obesity risk group has been reduced by 5.5% from the previous year after obesity management programs, including 'Bury GO' Program, were implemented;

- Hanmi Pharm Co., Ltd. :

In conjunction with the Hwaseong Office of National Health Insurance Corporation, the company operated management programs for smoking and metabolic syndrome to help over 73% of the participants improving their health-related behaviors;

- POSCO PLANTEC :

The company established a healthy culture by operating programs expressing the company's will to improve health with the health safety enhancement organization (HSE Section);

- Construction Sites of Daeyeong SK VIEW HILLS and Songdo SK VIEW under SK E&C :

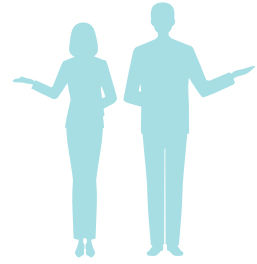
The company introduced health promotion programs for part-time and subcontracted workers targeting newly-hired workers (field laborers), including programs to manage basic diseases and improve lifestyle;

- Incheon No.1 Plant of CJ CHEILJEDANG :

In collaboration with Jung-gu Health Clinic, the company conducted health examinations and consultations for the risk groups of metabolic syndrome and brain cardiovascular diseases where the company successfully reduced the prevalence for general diseases by 17% compared to the previous year through programs for nutritional improvement and physical fitness;

Live-in Professional Counselor Takes Care of Workers' Health at All Times

Outstanding workplaces selected for excellent health promotion activities for workers in the 2nd half of 2017



02

Applications for outstanding workplaces with health promotion activities are accepted by local offices of KOSHA where the businesses are located; and those outstanding workplaces are selected twice a year following reviewing procedures for each half;

- Workplaces selected are granted with a number of benefits, such as a grace period for supervision of health examination and health promotion and priority recommendation for governmental rewards, for an effective period of 3 years.

03

An official of KOHSA said, "The selection of outstanding workplaces for health promotion is designed to help fostering workplaces where workers can engage in their jobs under healthy and safe environment; hence, I expect to see more businesses participate."



KOSHA Earned the Highest Grade from Evaluation of Corruption Prevention Policy

Grade 1 award from Evaluation of Corruption Prevention Policy through systematic risk management



01

KOSHA was honored with the highest grade (Grade 1) from "2017 Assessment on Corruption Prevention Policy" hosted by the Anti-Corruption & Civil Rights Commission.

- The assessment on corruption prevention policy has been in operation since 2002 for the purpose of improving the level of integrity where it was conducted upon a total of 256 institutions and agencies in 2017.

02

KOSHA received an average of 94.45 points throughout 7 subjects*. Especially, the agency earned exceptional scores on the establishment of integrity culture and development efforts for exemplary cases of anti-corruption.

* Establishment of execution plan for anti-corruption, development of clean eco-system, removal/improvement of risks for corruption, establishment of integrity culture, effects from integrity improvement and development/proliferation of exemplary cases of anti-corruption

03

Kim, Byeong Ok Standing Auditor of KOSHA, pointed out, "all-out efforts made by all executives and employees to further expand anti-corruption and integrity culture were the key for the agency to earn such an honor."

- Kim also stressed, "We are determined to continue being an exemplary agency with the highest integrity through solid implementation of systematic risk management during the entire course of business executions."

Enhanced Cooperation for Advancement of Occupational Health & Safety in Developing Countries



KOSHA extends an MoU on occupational safety and health
with the Ministry of Labour, Immigration and Population of Myanmar

01

KOSHA (President : Park, Doo Yong) executed an extension of technical cooperation agreement on occupational safety and health with Nyunt Win, Director General of Factories and General Labour Laws Inspection Department (FGLLID) under the Ministry of Labour, Immigration and Population (MOLIP) of Myanmar at the main office of KOSHA in Ulsan on February 2nd.

- The extension of the agreement was executed in order to expand the supports on occupational safety and health for developing countries in the Asian region.
- Pursuant to the extension, both sides are to expand and implement the details of the existing agreement, including educational training and technical consultation in the field of occupational safety and health, and workforce/information exchanges through seminars and joint researches.

▶ Ho Sung Lee, Vice president of KOSHA (left) and Nyunt Win, Director General of FGLLID under MOLIP (right) signed the extension of MoU on OSH technical cooperation



OSH Support Group launched for PyeongChang 2018 XXIII Olympic Winter Games



KOSHA is determined to support
successful Olympics in PyeongChang

01

KOSHA (President : Park, Doo Yong) operates the Health and Safety Support Group starting on January 24th in order to help successful Winter Olympics in PyeongChang.

- The support group will be comprised of 14 experts on health and safety from KOSHA.
- The support group will be in full operation between January 24 and April 30 for both Olympics and Paralympics where the group is to support safety inspections on facilities and safety training for related employees together with Health & Safety Team of the Olympic Organizing Committee and Joint Inspection Team during the period.

※ Duration of the Olympics: 9-25 February / Duration of the Paralympics: 9-18 March

※ KOSHA has assisted the procurement of on-site health and safety through safety inspections at the construction sites of stadiums since 2015, and it has also been a part of the Joint Inspections Team from public institutions since 2017.



02

President Park of KOSHA said, "In order to successfully complete the international event like PyeongChang Winter Games, safety must be secured for all field workers preparing for the event."

- Park also emphasized, "KOSHA will do everything to ensure the Olympics to be safe where no one gets hurt by thoroughly securing the on-site safety and health."



Analysis of Workers' Disease Incidence by Using Big Data



Occupational Safety and Health Research Institute under KOSHA releases a report on precautionary epidemiologic survey in 2017.

01

KOSHA (President : Park, Doo Yong) unveils a report on precautionary epidemiologic survey in 2017 in order to prevent occupational diseases.

- Precautionary epidemiologic survey is a study for preemptive responses by investigating the trends of health hazards and distribution of risk factors targeting the types of businesses and occupational groups highly vulnerable for new occupational diseases, where 3 of such surveys were conducted in 2017.

▶ Study on disease incidences by building data-based occupational cohort*

Survey on the trends of major disease incidences for workers by utilizing medical records from the National Health Insurance Corporation between 2002 and 2015;

* Cohort: It means subject groups sharing characteristics related to the theme of the survey.

▶ Investigation on treatments of detergents such as 1, 2-dichloropropane and study on construction of health monitoring system

Study on the treatment of detergents including carcinogens in Korea and cases of health hazards; management programs, including 'Bury GO' Program, were implemented;

▶ Preliminary study on health hazards related to works by workers on hot-line jobs

Assessment on exposure to extremely low frequency magnetic field and survey on relevance with health hazards;

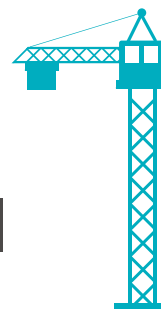
- At the same time, a report on "Survey of Workers' Health at Workplaces Prone for Methyl Alcohol Poisoning" is to be also released.
- A report on precautionary epidemiologic survey in 2017 is scheduled to be posted at the official website of the research institute (<http://oshiri.kosha.or.kr>).

02

Kim, Jang Ho Director General of OSHRI said, "I have a high hope that the study report based on big data will bring enormous assistances to identify risk factors and vulnerable groups prior to the outbreak of occupational diseases as well as to establish aggressive preventive measures."

- Kim also announced, "We plan to develop year-round data-linked system through cooperation with the National Health Insurance Corporation for the purposed of continuous re-searches using big data."

Meeting of Experts to Improve Training Course for Installation and Removal of Tower Crane



01

The Occupational Safety and Health Training Institute (Director General : Shin, In Jae) under KOSHA holds a meeting of experts to improve training courses for installation/removal of tower crane at the Central Training Center of the KOSHA located in Incheon on February 9th.

- The upcoming meeting is a part of efforts to develop a joint measure for all tower crane-related departments with main themes on improvement of tower crane-related training courses and new establishment of a repair training course.

※ Milestones of Procedures

- Nov. 16, 2017 : Announcement of Joint Measure by relevant departments (improvement of training courses and new establishment of repair training course);
- Jan. 25, 2018 : Preliminary Meeting of Experts (accumulation of inputs from inside/outside experts)
- Feb. 9, 2018 : Secondary Meeting of Experts (accumulation of inputs from inside/outside experts)

02

At this meeting where the experts and workforce with vast field experiences attended, discussions were made in order to bring improvements focusing on tower crane training courses that have been in operation at the training institute.

- All improved training courses delivered from these meetings are to go through accumulation of inputs from workers working on installation and dismantlement of tower crane; and they will be implemented following the amendments of applicable laws and regulations.

► OSHTI (center) hosted an expert meeting to improve the tower crane installation/removal training course at the Central Training Center of KOSHA on February 9th





Published by
**Korea Occupational Safety
and Health Agency**

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

Tel. +82 52 7030 746

Fax. +82 52 7030 326

E-mail. overseas@kosha.or.kr

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

Web(En). <http://english.kosha.or.kr>