



# KOSHA NEWS

Protecting Worker's Life and Health

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# CONTENTS

## COVER STORY

- 01 Let's open a new chapter of OSH History in Korea

## NEWS

- 05 Best Work Site for Improving Employee Well-being in the Second Half of '16
- 10 e-PSM System Helps Autonomic Process Safety Management of a Chemical Plant
- 11 Get Support for Worker's Health Protection Costs!
- 13 Full Support for Accident Prevention in Service Industry

## Mutual Cooperation

- 15 Expecting to Prevent Occupational Accident and Gas Accident

## OSHRI

- 17 'SH@W', Health and Safety Academic Journal, Internationally Recognized

## Mutual Cooperation

- 19 KOSHA, Donate Safety Training Bus to Myanmar

# Let's open a new chapter of OSH History in Korea



**Lee Young-Soon**

President of Korea Occupational Safety and Health Agency

## Dear colleagues in KOSHA!

- The new sun of 2017 has risen.
  - In 2017, I wish you all the best for your family and future endeavors.
  - I hope KOSHA would fly higher as its' celebrating 30th anniversary.
- This year is the year of scarlet Rooster.
  - The consumer behavior analysis center in Seoul National University designates 'Chicken Run' as the key word of Korea in 2017.
  - Chicken Run, which is the title of an animation movie, means 'where there is will, there is a way'.
  - Like the main character of the movie, a rooster who believes that a chicken can fly with constant exercises, I wish all of you could accomplish your personal goals in this year of scarlet rooster.
- It is expected that we would have another gloomy year with lower economic growth rate in the middle of uncertainty.
  - According to domestic economic authorities, the ICT, automobile, steel and machinery industries are expected to enter the phase of recovery.
  - However, it was predicted that the growth of construction and petrochemical industries would be slow down. And the recession of shipbuilding industry seems to be continued for some time.

- It is also estimated that the economic growth rate would be low, around 2%.

- The expected economic insecurity and uncertainty may bring negative impacts to business performance and corporate OSH management, and it possibly be resulted in deterioration of prevention activities on occupational injuries and illnesses.

## Dear Colleagues!

- Our target in this year is reaching 0.47% in accident fatality rate per 10,000 workers.
- KOSHA should provide utmost support to overcome the expected challenges in the OSH area by strengthening future growth potential and capacity to effectively respond the OSH needs in our society.
- On the very first day of our journey in this year,
  - I would like to share a few important points we have to promote to achieve our management objectives.

## Firstly, establish an effective preventative system for major and chemical accident.

- As social needs on safety and health become greater, more people concern about accidents in the industrial areas.
  - In this sense, we need to prevent such accidents

by concentrating our capacities on establishing more effective prevention system.

- In this year, we will implement the 'Intensified OSH Management rules for 22 Dangerous Operations' in the construction industry.
  - For a public construction project which worth more than 30 billion Korean won, "construction safety indices" such as occupational accident and death rate will be used as examining criteria for comprehensive evaluation of government bidding system, to enhance the level of self-autonomous OSH management in the construction area.
- We will do more reviews on harm and hazard prevention plans and following inspections
  - In case of newly established or relocated work places, we will provide consultations starting from its planning stage, to secure safety and health.
- We will enhance actual adaptability of the Process Safety and health Report to prevent severe occupation accidents such as fire and explosion.
  - We will develop a comprehensive supporting system for drafting the process safety and health report, assessing and managing risks and operating alarm system in case of emergency, based on IT technology.
  - We will also provide intensified technical supports for dangerous operations such as maintenance and repair works, which is frequent all year round, by visiting a workplace during those operation upon request.
- We will preemptively check industrial installations which are vulnerable to natural disasters and develop a system to provide necessary technical supports, in order to respond effectively to natural disasters, such as earthquake, which is quite often these days.

**Secondly, strengthening OSH preventative activities on work related injuries, diseases and fatalities for vulnerable groups of people.**

- There are many vulnerable groups of people who are working in the blind zone, where it lacks appropriate attention from national OSH authorities.
  - We have to play a leading role to support them, not let them left behind in the development on OSH in our society.
- Above all, we should develop a social safety and health net through financial support programs and reduce the gap on OSH.
  - We should improve the support mechanism of 'the clean work place project' by providing items which are more directly related to prevent work related injuries and illnesses.
  - We also increase budget to support small construction sites of which its' construction cost is less than 2 billion Korean won.
  - We will increase the budget for Working Environment Measurement and Costs Supporting on Special Health Examination Projects, to provide benefits to more workplaces and workers.
- We will strengthen prevention activities on service jobs, such as cooks and deliverers, from which lots of accidents happen, and continue to provide basic safety and health training for daily hired aged workers.
  - We will collaborate with other agencies to provide systematic OSH training for migrant workers.

**The third, strengthening foundation for self-autonomous OSH management system in work-places.**

- We can't secure decent OSH working conditions in all workplaces in Korea solely on our own efforts.
  - We should support workplaces to establish their own safety and health system by themselves.
- To realize it, we will strengthen the collaboration and coexistence mechanism to make a main contractor to take care more about the OSH conditions of the workers who work for their sub-contractors.

- In this year, we will expand the scope of consultations on assessing OSH management level to ship building industry, in addition to already existing manufacturing and service industries, to enhance the effectiveness of the program.
- To enhance self-autonomous hazardous risk management capacity of workers and management,
  - We will expand the beneficiaries of the risk assessment consulting service, down to workplaces hiring less than 50 employees.
- We will set a higher goal of the project which supports workplaces to develop OSH management system to complete their own OSH system by themselves, by recognizing safety and health as one of their core value for corporate management.
  - And, we will reorganize the accreditation system in preparation for the official announcement of the international certification standard, ISO 45001.

#### **The fourth, activating workers' health promotion and working environment improvement projects**

- To protect workers from toxic diseases, KOSHA will carry out a project on 'Notifying hazardous features of Chemical Substances', targeting 40,000 companies which use chemicals.
- We will enhance the level of promoting workers' health by adopting business health index and providing consultations.
- We will additionally open health-zones for workers with no accessibility to health care centers due to its geographical location.
  - For workers with higher risks of suffering from so called "emotional labor", we will create and provide occupational health guideline and consultation.

#### **The fifth, disseminating national safety and health culture more widely and establishing a collaboration mechanism on OSH.**

- We will enrich safety and health training programs

by providing learner-customized training, specialized curriculum, and opening more hands-on OSH training centers.

- We will enhance practicality of using OSH training materials in field, by means of developing materials using new media like VR(Virtual Reality), smart phone Applications. We will also strengthen OSH media supply net.
- We will develop a cooperative system on OSH by organizing safety and health leader groups for major industries, such as shipbuilding, construction, steel, automobile, and chemical industries, organizing regional OSH committee, and operating safety and health public contests.

#### **Last but not least, strengthening R&D on OSH and upgrading infrastructure on international cooperation in the OSH area.**

- We should prepare to response effectively to the future changes of OSH situations.
  - We should find ways to recognize, analyze and control risks by expanding technical, managerial, and psychological researches on new risk factors arising from new technology, new production and construction method, new industry, etc.
  - We should monitor more closely on OSH issues causing from social transitions by working environment inspections, research on OSH trends and preventative measures on occupational diseases.
- We will closely pay attention to social health issues in Korea such as fatal toxicity caused by inhalation of vaporized sterilizers used for humidifier, by more tests and researches on chronic toxicity caused by inhalation of vaporized chemicals.
- And, we will strengthen global collaboration infrastructure on OSH, by enhancing technical cooperation with advanced overseas OSH organizations and contributing to developing countries on various OSH technical agenda.



### Dear colleagues!

- We should know what actually happen in work-places, to make fruitful outcomes with the projects mentioned above;
  - What they need and how we support them effectively, to make changes and produce actual outcomes.
  - For this, we should listen to voices of employers and workers, to work and study together with them in order to find out necessities in field.
- Mahatma Gandhi said 'the future depends on what we do at present.'
  - We cannot sure of our OSH future in coming next 10 to 20 years, with the same practices we did in the past.
  - We should prepare our future strategies with creativity and open mind-set.
- This year is the 30th anniversary of KOSHA.
  - As we are celebrating this meaningful 30th anniversary, KOSHA will declare new OSH vision & strategies, which will illuminate the future of KOSHA and also the future of OSH in Korea.
- We are well aware that strategy alone could hardly make success.
  - Your participation and enthusiasm must be followed.
  - It is not a matter of few number of colleagues. All of us should work together to brighten our future.
- To make changes, the biggest challenge is not figuring out something entirely new.
  - The biggest challenge is getting away from the old traditional framework.

- When you change the way you think, you can change the way you work.
- It is said that ordinary people are obsessed of proving that they are not doing something wrong, mostly in negative manners.
  - Extra-ordinary person are always looking bright side of the future in an active manner.
  - All of you are special and brilliant persons.
  - I'm expecting your passion on the OSH works.

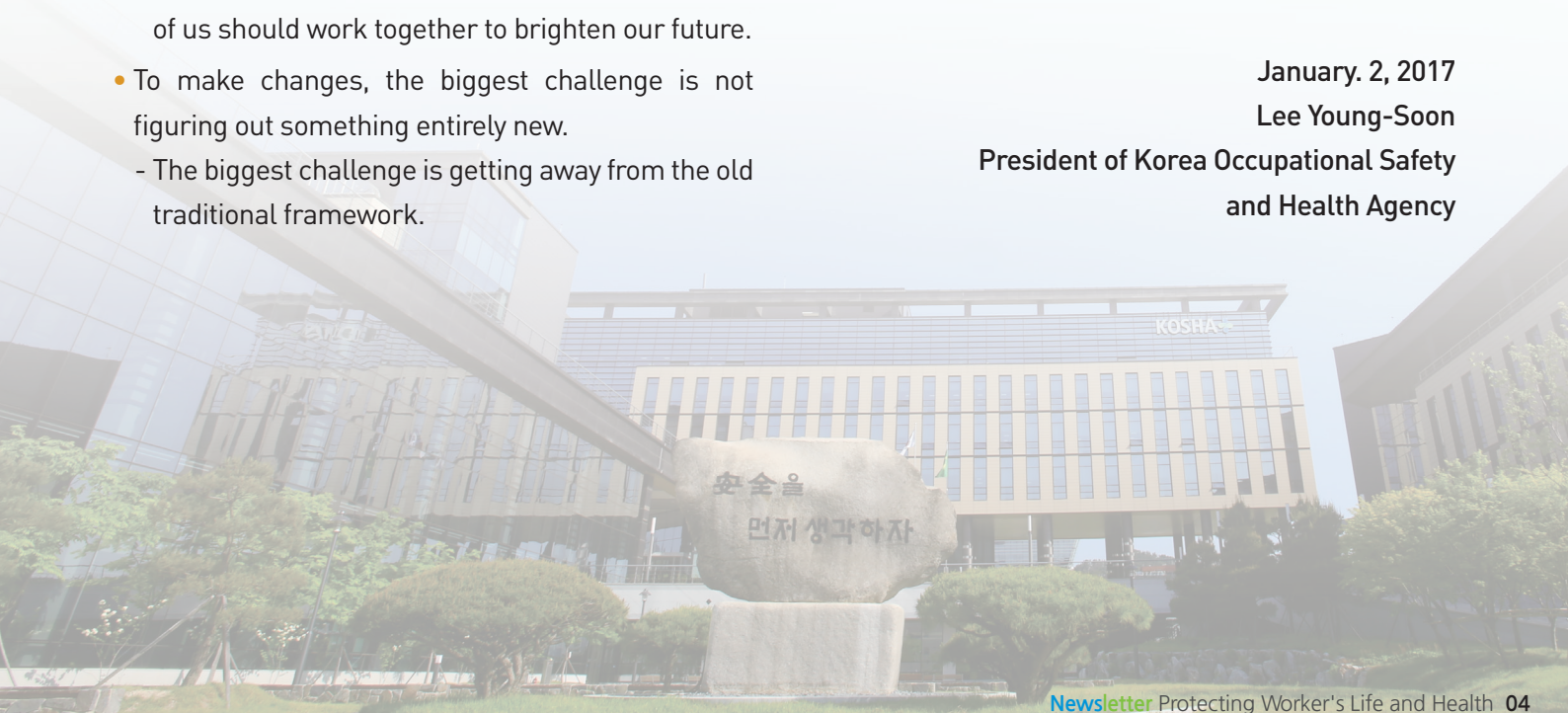
### Dear colleagues in KOSHA!

- Let's be confident and optimistic.
  - Your resolution can change the future of safety and health in Korea.
  - We can accomplish any goal, if we work together as one.
  - Let' go together confidently.
  - And, Let's open a new chapter of OSH History in Korea.
- I am looking forward to seeing you all promoting safety and health in workplaces, like a leader of a Korean traditional farmers' band who is rhythmically and excitedly leading the music.
- I wish your every success and happiness in 2017, in your personal life and at work, and also wish safety and health in your family.
  - Thank you very much.

January. 2, 2017

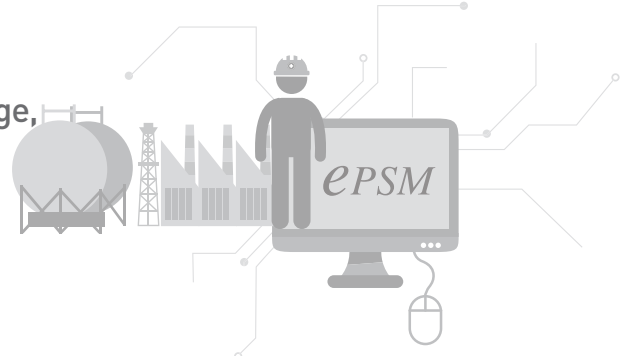
Lee Young-Soon

President of Korea Occupational Safety  
and Health Agency



# Best Work Site for Improving Employee Well-being in the Second Half of '16

By awarding outstanding work site that best supports employees with health concerns such as work-related stress and age, it is expected to promote self-regulated health enhancement activities



- • • **Korea Occupational Safety & Health Agency (Chairman Young-Soon Lee) announced 12 work sites selected as 「the Best Work Sites for Improving Employee Well-being」 for the second half of 2016.**

- Outstanding work sites for improving employee well-being is selected from those work places that submit the application and evaluated through process such as site visit appraisal and examination by labor issue experts. 6 sites were selected in the first half of 2016, and 12 sites in the second half of 2016.
- Key evaluation criteria is top management's will, degree of cooperation between the labor and the management, employee participation, managing the high risk employees, actual execution of well-being improvement program and continuity of practice.

**\* 12 best work sites for improving employee well-being in the second half of 2016**

- CJ Cheil Jedang Co., Busan Factory, Samyuk Busan Hospital, Daejin Co., LIG Nexone Co. Pangyo R&D Center, LIG Nexone Co. Research Lab, Munjung SK V1 GL Metro City, Airport Railway Co., SK Construction Co. Alpha Dome City 6-4 block construction site, Korea Southern Power Co. Shin Incheon natural gas generation headquarters, LG Electronics Changwon no.2 factory, Gyungdong City Gas Co., Korea Fiber no.2 factory

- • • **Selected sites executed employee well-being improvement activities considering working environment and individual attributes of employees and provided organizational support for its successful implementation.**
- Model example would be providing IT equipment that tracks level of exercise to promote daily exercise consciousness, establishing counselling center to prevent work-related stress and health support program for elderly site workers of subcontractors.

# Best Work Site for Improving Employee Well-being in the Second Half of '16

By awarding outstanding work site that best supports employees with health concerns such as work-related stress and age, it is expected to promote self-regulated health enhancement activities



## \* Model cases among the awardees

### - LIG NexOne Co., Pangyo R&D Center and Laboratory

Provides health improvement activities for research workers such as in-house psychology counselor and 'Smile Day' program, 'Health Keeper Room' with in-house masseuse

### - CJ Cheil Jedang Co., Busan Factory, Kyung Dong City Gas Co.

Promote employee's good exercise routine by implementing creative health program such as providing IT exercise equipment

### - Daejin Co.

Operate company-wide non-smoking program which resulted in dropping smoking rate to 3% in 2016 from 48% in 2013.

### - Munjung SK V1 GL Metro City, SK Construction Co. Alpha Dome construction site

In order to overcome the limitations of construction site, cooperation with external institutions were carried out to provide taping therapy to prevent musculoskeletal diseases, work-related stress evaluation, art therapy etc.



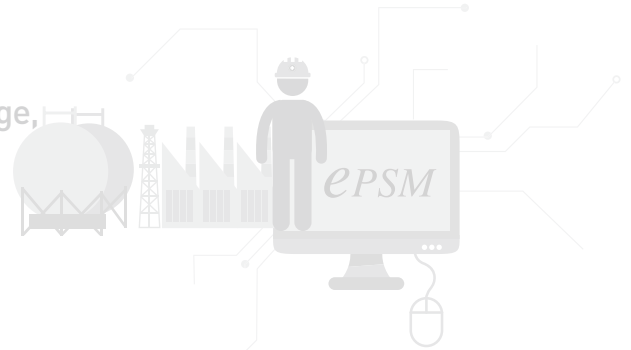
**KOSHA awards various benefits to those sites selected as the best site for improving employees' well-being to promote voluntary participation.**

- When selected as the best site, a commemorative plaque is awarded that is valid for 3 years. During the period of validity, benefits such as exemption from health check-up and improvement supervision, preferred status for government reward is given.
- After 3 years, re-evaluation is conducted to prolong the validity of the best site award.



# Best Work Site for Improving Employee Well-being in the Second Half of '16

By awarding outstanding work site that best supports employees with health concerns such as work-related stress and age, it is expected to promote self-regulated health enhancement activities



- • • For those sites who would like to apply for the best site selection, application and results of self-evaluation can be submitted through KOSHA's 6 regional HQs(Seoul, Central(Incheon), Daejeon, Daegu, Busan, Gwangju).
  - Applications are open throughout the year and the best sites are selected and announced every half year
- • • Jang-Jin Ryu, Head of Department of Occupational Health at KOSHA said, "The objective of this program is to promote work sites to voluntarily improve employees well-being, and we ask for interests and participation of many work sites to establish healthy and safe workplaces."

## Best Cases of Well-being Improvement Activities in Korea

### 1. LIG Nexone Co. Pangyo R&D Center and Laboratory

- ▶ **(Overview)** Run well-being improvement programs considering characteristics of research work as a defense industry related research & development workplace which is located in Seongnam-si and Yongin-si of Gyeonggi-do
- ▶ **(Organization & Activities)** One nurse is appointed as a health administrator respectively for Pangyo R&D Center and Laboratory.
  - Outstanding points are introducing Health Grade System, stable investment for the well-being improvement programs through active support of top management (expressing their enthusiastic willingness, sending email, etc.).
- ▶ **(Key Programs)**
  - **Establishing self-healthcare system:** Segment employees into four(4) groups such as Green, Blue, Yellow and Pink based on life style, medical check-up, etc., and differentiate the way of manage their health by risk
  - **Management of muscular skeletal disease:** Provide 'Health Keeper Room' with in-house masseuse, and develop/spread 'Hope Exercise' to enhance work environment for employees who work for long hours
  - **Management of work-related stress:** Operate EAP such as psychology counseling, etc. through in-house psychology counselor and Smile Day program
  - **Other:** Various health and safety trainings through 'Safety First NexOne' program

### 2. CJ Cheil Jedang Co., Busan Factory

- ▶ **(Overview)** Grocery manufacturer located in Saha-gu of Busan
- ▶ **(Organization & Activities)** One nurse appointed as a health administrator
  - The workplace with a lot of young workers did great performance through various support to establish a healthy lifestyle and targeted program
- ▶ **(Key Programs)**
  - **Prevention of muscular skeletal disease:** Install 'Betweenwhiles Stretch' program in each employee's PC and automatically play it three times a day to encourage exercise at work
  - **Obesity Care Program:** Encourage exercise by supporting 'Mi Band' with a step counter feature, and provide exercise prescription by a trainer once a week
  - **Work-related stress:** establish 'Café La Mer' for in-house psychology counseling and reduce work-related stress through group trainings and individual counseling

### 3. Daejin Co.

- ▶ **(Overview)** Metal refining work site located in Gwangyang-si of Jeonnam
- ▶ **(Organization & Activities)** Conduct health management through a specialized health service organization
  - Promote activities considering majority of workers is a crane operator and their smoking rate is high, and do company-wide healthcare activities through health service organization, community health center, etc.
- ▶ **(Key Programs)**
  - **Non-smoking program:** Participating non-smoking program of a community health center to lower high smoking rate (48%), which resulted in dropping smoking rate\*. Certification of 'Smoke-free Healthy workplace'
  - \* Smoking Rate: 48% in '13 → about 3% in '16
  - **Management of muscular skeletal disease:** Reduce musculoskeletal strain resulting from fixed working posture for a long time through 'Plank Exercise"', stretch before work, etc.
  - \* Plank exercise is to develop strength in the core of the body, through which you can get benefits of strengthening your back muscles, improving posture, etc.

### 4. Munjung SK V1 GL Metro City

- ▶ **(Overview)** Construction site of apartment buildings located in Songpa-gu of Seoul
- ▶ **(Organization & Activities)** One(1) industrial hygiene engineer appointed as a health administrator
  - Operate ranking system (GYR card) for all workers of partners and subcontractors regardless of employment status to induce them to obey health regulations, and promote health improvement activities considering characteristics of a construction site such as introducing art therapy for vulnerable workers to musculoskeletal disease and work-related stress management
- ▶ **(Key Programs)**
  - Operate GYR\* Card program and award best practices and provide trainings
    - \* Manage the obedience of regulations by giving grades of Green-Yellow-Red depending on obeying basic health and safety regulations such as respiratory gear
  - **Cardiovascular program:** Select and consult a high-risk group by simple measurement of glucose and risk assessment for all employees including foreigners, Non-smoking clinic
  - **Muscular skeletal program:** Manage pain reducing by taping therapy through VAS\* test, stretch and follow-up management for vulnerable workers to musculoskeletal disease such as 60 years old and more, rack workers, etc.
  - \* VAS[Visual Analogue Scale]: Support taping therapy after self-diagnosis of muscular skeletal pain using a picture
  - **Work-related Management:** PWI(Psycho-social Wellbeing Index) evaluation, counseling with a specialist through positive psychology program, art therapy in parallel
  - **Other:** Spread the culture of improving health by providing information on 'Health Keeper' twice a month, 'Health up!', 'Tuntun (means 'healthy' in Korean) Olympic Games', 'Health Safety Quiz Contest', etc.

# e-PSM System Helps Autonomic Process Safety Management of a Chemical Plant

Support process safety report and risk assessment of work sites with mid-/small-sized chemical facilities



- • • 'e-PSM', a process safety management system of small-/mid-sized chemical plants which Korea Occupational Safety & Health Agency (Chairman Young-Soon Lee) developed and is distributing is being well reviewed.
- • • e-PSM system is an IT system which supports workplaces with small-/mid-sized chemical facilities astronomically to conduct risk assessment and write a PSM(Process Safety Management) report.
  - Small-/Mid-sized workplaces outsourced writing a PSM report to private consulting agencies because it requires technical expertise on various areas, which was a considerable financial burden.
  - To reduce a burden of small-/mid-sized workplaces such as cost issue, etc., KOSHA set out to develop e-PSM system in 2014 and has been providing formal services since March 18th this year after test operations and briefing sessions.
  - The e-PSM system is easily available for everyone online([www.kosha.or.kr/epsm](http://www.kosha.or.kr/epsm)).
- • • Since the service of e-PSM system began, the number of downloads has reached about 7,300 as of now, and the service has been earning positive reviews in terms of customer satisfaction such as 93.3% of the people surveyed responding the system helps the business.
- • • The person concerned in KOSHA said, "KOSHA plans to improve the system so as to make a more scientific risk assessment such as the system reflecting self-developed reliability data of chemical facilities."

# Get Support for Worker's Health Protection Costs!

KOSHA, providing small work places with cost for working environment measurement and special health examination



- • • **Korea Occupational Safety and Health Agency (KOSHA, President Young-soon Lee) is providing the cost for 「Working Environment Measurement」 and 「Special Health Examination」 to protect workers' health of small work places exposed to hazardous factors such as chemicals, noise, and fine dust.**
  - The cost for working environment measurement will be fully provided within the limit of 1 million won for a newly applying work place and up to 70% of the cost within the limit of 400,000 won while the owner shall shoulder 30% of the cost, for other work places.
  - The cost for special health examination will be fully provided when the worker completes primary and secondary examinations at a designated examination institute.
- • • **Work places with less than 20 workers may apply for the working environment measurement and special health examination targets work places with less than 10 workers and construction workers hired on daily basis.**
- • • **Applications for the support for working environment measurement and special health examination costs will be accepted from February 1, and business owners can apply online through KOSHA's homepage ([www.kosha.or.kr](http://www.kosha.or.kr)).**
  - The deadline for the application for the support for working environment measurement cost is February 28 and additional applications can be submitted around June. Work places that had never applied for working environment measurement can apply any time.



# Get Support for Worker's Health Protection Costs!

KOSHA, providing small work places with cost for working environment measurement and special health examination



- Applications for the support for cost of 「Special Health Examination」 will be accepted any time from February 1 as long as the resources are available.

- • • Last year, 9,589 work places were provided with the cost for working environment measurement and 67,889 workers received the support for the cost of special health examination.
- • • “Last year, the eligibility to receive support for the cost of working environment measurement expanded up to work places with less than 20 workers and the obligation to perform special health examination for night shift workers expanded up to work places of all sizes,” said Head of Occupational Health Bureau Jang-jin Ryu, “We hope business owners give more interest in workers’ health and apply for the support so that more workers can operate in safer working environments.”

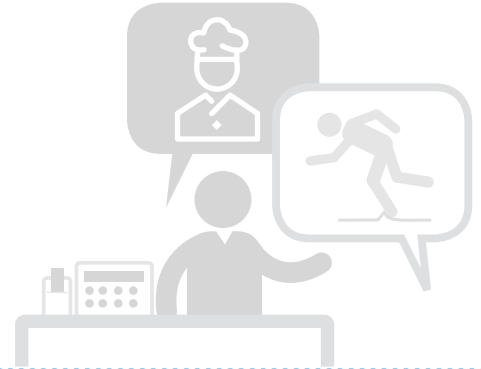
## Note

- \* Support for 「Working Environment Measurement」 and 「Special Health Examination」 costs has been provided to lessen the financial burden of small work places that are vulnerable to occupational accidents and prevent occupational diseases of workers
- \* The Occupational Safety and Health Act stipulates that work places where workers are exposed to hazardous factors such as chemicals, fine dust, and noise shall be subject to regular 「Working Place Measurement」 and 「Special Health Examination」.

# Full Support for Accident Prevention in Service Industry

KOSHA to provide full support for work places in 7 business categories with frequent accidents in the service industry

Starting prevention activities including the inspection of risk factor in cooperation with agents of 6 vocational organizations in service industry



- • • To prevent accidents in the service industry, Korea Occupational Safety and Health Agency (KOSHA, President Young-soon Lee) decided to reduce accidents in the service industry by supporting 210,000 work places in seven business categories in which accidents occur in order.

#### \* 7 Business Categories with Frequent Accidents

- Food and lodging, building maintenance, wholesale and consumer goods repair, hygiene and similar services, health and social welfare, education, and business service

- • • As of 2015, there were a total of 29,734 victims in the service industry and 26,152 of them were found in the seven business categories, accounting for 88.0% of the victims in the service industry.
  - There are 1,490,000 work places in the service industry (63.0% of all industries as of 2015) nationwide, and it is difficult to prevent accidents in them as there are many small work places compared to other industries and many of them frequently close or shut down.
- • • Under the circumstances, KOSHA is pushing forward with a program to prevent accidents such as visiting and providing technical support for 210,000 work places around the country through the collaboration with six vocational organizations that are closely related with the service industry work places.

# Full Support for Accident Prevention in Service Industry

KOSHA to provide full support for work places in 7 business categories with frequent accidents in the service industry

Starting prevention activities including the inspection of risk factor in cooperation with agents of 6 vocational organizations in service industry



## \* 6 Vocational Organizations

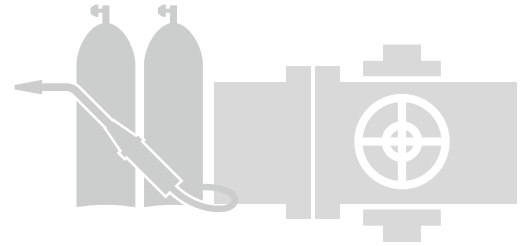
- Korea Housing Management Association, Korean Association of Occupational Health Nurses, Citizens Coalition for Safety (CCS), Korea Association of Building Maintenance, Korean Dietetic Association, Korea Food Service Institute

- First, for the training of the program's agents, KOSHA will train 500 or more agents from six vocational organizations of the service industry for the implementation of the program at Cheonan Sangnok Resort over three days from February 8 to 10.
- The program's agents will visit work places to △ suggest improvement measures, △ provide the safety and health training for workers, and △ provide safety and health materials suitable for the characteristics of the work place regarding hazardous factors of the facilities used in each place.
- Especially, as unreasonable requests and actions of customers are causing accidents, the program will implement public relations activities to improve customer culture and develop and distribute related materials.

- • • “To provide the best service, the safety of workers in the industry must be secured,” said a KOSHA official, “KOSHA and private organizations will do their best to reduce accidents in the service industry through this cooperative work.”

# Expecting to Prevent Occupational Accident and Gas Accident

KOSHA-KGS to conclude MOU  
to Prevent Occupational Accident and Gas Accident



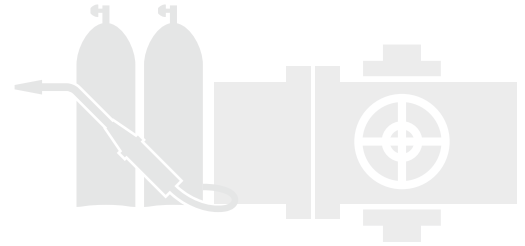
- • • Two agencies are joining hands to prevent large accidents such as explosion and fire and protect the safety of people and workers.
- • • Korea Occupational Safety and Health Agency (KOSHA, President Young-soon Lee) and Korea Gas Safety Corporation (KGS, President Ki-dong Park) are concluding a memorandum of understanding which mainly focuses on 「Increasing Efficiency in Preventing Occupational Accident and Gas Accident and Establishing Advanced Gas Safety Control」 at KGS located in Eumseong-gun, Chungcheongbuk-do on Tuesday February 7.
 

**\* KOSHA-KGS MOU Ceremony**

  - **Date and Location:** Main office of KGS in Eumseong, Chungcheongbuk-do, on February 7, 2017 at 15:00
  - **Participant:** 20 or more officials of both organizations including President Young-soon Lee of KOSHA and President Ki-dong Park of KGS
- • • Based on the MOU, following activities will be implemented to intensify activities to prevent occupational accidents and gas accidents in work places.
  - First, both agencies will share technical information and case information related with △ occupational accident and gas accident, △ safety inspection, test, and diagnosis, △ inspection of accident cause, and △ safety certification for explosion-proof electric machines and instruments in order to intensify their technological capacity.
  - The two organizations will also promote a campaign to uplift the safety consciousness of business owners and workers alongside mutually cooperative public relations activities to spread the safety culture and the training the in-house staff using the training facilities of both organizations.

# Expecting to Prevent Occupational Accident and Gas Accident

KOSHA-KGS to conclude MOU  
to Prevent Occupational Accident and Gas Accident



- KOSHA's Occupational Safety Bureau and KGS's Technical Inspection & Advisory Service Division will be in full charge of implementing the MOU.
- • • “We now have a solid cooperation base for preventing occupational accidents and gas accidents,” said KOSHA president Young-soon Lee and KGS president Ki-dong Park, “both organizations will implement policies that focus on the prevention of deaths and large accidents based on the core values of Government 3.0: openness, sharing, communication, and collaboration.”



# 'SH@W', Health and Safety Academic Journal, Internationally Recognized

SH@W, an academic journal which KOSHA OSHRI publishes listed in the academic thesis database - Web of Science, recognized as an international academic journal



- • • 「SH@W(Safety and Health at Work)」, an academic journal which the Occupational Safety and Health Research Institutes of Korea Occupational Safety & Health Agency publishes was listed on Dec. 20th in ESCI(Emerging Sources Citation Index) of “Web of Science”- the academic thesis database which Clarivate Analytic(ex-Thomson Reuters) operates.
- ESCI is one of indexes of “Web of Science”, and excellent academic journals which are candidates for major indexes(SCIE·SSCI·A&HCI) are listed in ESCI.
- SH@W was recognized as an international academic journal, a relatively short time period of only 5 months after KOSHA applied for the listing of SCIE(Science & Technology areas) on July.

#### \* Indexes of “Web of science”

- SCIE(Science Citation Index Expanded) : Listings of academic thesis and journal on science and technology
- SSCI(Social Science Citation Index) : Listings of academic thesis and journal on social science
- A&HCI(Art & Humanities Citation Index) : Listings of academic thesis and journal on arts and humanities

#### \* ESCI(Emerging Sources Citation Index)

- The index where candidates for major indexes - academic journals which newly applied for major indexes and whose academic values are recognized - are listed

- • • SH@W, the only international academic journal on health and safety areas launched in Korea in 2010, covers researches related with the occupational safety and health on science & technology such as engineering, medical science, etc. and social science such as laws, psychology, economics, etc.

# 'SH@W', Health and Safety Academic Journal, Internationally Recognized

SH@W, an academic journal which KOSHA OSHRI publishes listed in the academic thesis database - Web of Science, recognized as an international academic journal



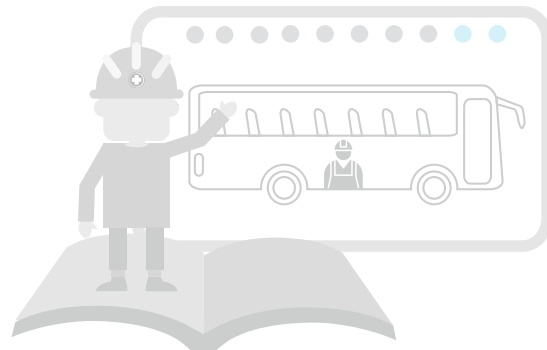
- In addition, all researches in SH@W(open access) are available and citable for everyone for free.

\* Visit <http://www.e-shaw.net>

- • • SH@W had been recognized as an international academic journal before being listed in ESCI(Web of science).
- In 2012, it was listed in KoreaMed – the biggest academic database in Korea – and PubMed Central – the database which the National Library of Medicine operates, and in 2013 in SCOPUS – the world biggest academic thesis index database.
- • • Director General Jang-Ho Kim at OSHIRI of KOSHA said, “SH@W can be searched and cited in Web of Science with being listed in ESCI, and so we expect the awareness of SH@W to be improved as an international academic journal.” And he added, “We will make a persistent effort so that our research results can be cited at home and abroad leading to prevent industrial accidents.”

# KOSHA, Donate Safety Training Bus to Myanmar

Will keep providing human and material supports for developing countries to improve the occupational safety and health



- • • Korea Occupational Safety & Health Agency (Chairman Young-Soon Lee) held a donation ceremony of movable safety and health training bus at MLIP (Ministry of Labor, Immigration and Population) of Yangon, Myanmar on Dec. 19 (Mon).
- 30 persons concerned of two countries such as Ho-Sung Lee, Vice President for Training and Safety Culture from KOSHA, Win Shein, Head of Department of Labor Standards Supervision at MLIP from Myanmar, etc. participated in the ceremony.

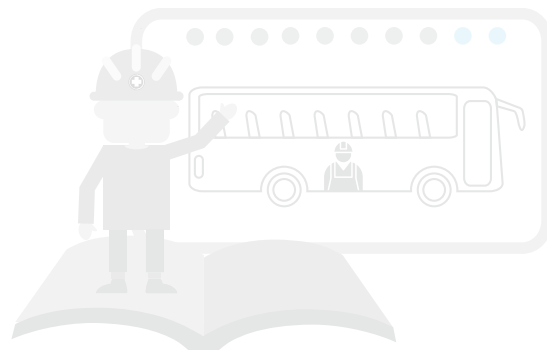
#### \* Donation Ceremony of Safety and Training Bus to Myanmar

- **Date/Time:** December 19 (Mon), 2016 / 09:00
- **Venue:** Office of Department of Labor Standards Supervision at MLIP in Yangon, Myanmar
- **Attendees:** 30 persons concerned of two countries such as Ho-Sung Lee, Vice President for Training and Safety Culture from KOSHA Win Shein, Head of Department of Labor Standards Supervision at MLIP from Myanmar

- • • MLIP of Myanmar reached a technical cooperation agreement on the occupational safety and health with KOSHA in 2014, and has been promoting 'Improving workers' safety and health through enhancing awareness of safety' as one of major national policies.
- The training bus donation project started from March of this year based on discussion between the concerned persons from the two countries. MLIP formally asked for donation on June, the donation buses were selected and repaired, and eventually on December 19th, the donation ceremony was held.
- • • The KOSHA training buses which had been made for 'Movable Safety Training' project but are now at the end of useful life were selected and donated, and the worn-out parts of the buses were repaired and replaced.

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- The buses are equipped with 25 seats and audio visual training facilities such as a microphone, a beam project, a screen, etc.
  - With the ceremony, training specialists from KOSHA passed on know-how by giving a demonstration of how to use training facilities in the buses, lecture techniques, etc.
  - The donated training bus will be utilized to prevent the industrial accidents such as providing safety training supports for workplaces at long distances.
- • • **Win Shein, Head of Department of Labor Standards Supervision from Myanmar said, “I am grateful for the training bus donation. We will make our best to enhance safety and health of Myanmar workers spurred on by constant support from KOSHA.”**
- • • **Ho-Sung Lee, Vice President for Training and Safety Culture from KOSHA said, “I hope that with this donation serving as a momentum, the way of safety and health training in Myanmar will be improved into on-the-job and participatory trainings using multimedia”, and added “KOSHA will not spare technical supports, etc. to prevent industrial accidents of developing countries.**



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