

KOSHA NEWS

Protecting Worker's Life and Health

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KOSHA

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Kick-off Ceremony for the Committee on Creation of Good Jobs

KOSHA Promotes Policies on Creation of Good Jobs Jointly Led by Management and Unions



KOSHA hosted a kick-off ceremony for the 'Committee on Creation of Good Jobs - KOSHA' along with the labor union of the agency (Chairman, In-woo Lee) on Monday, August 28th.

- The event was prepared and promoted in order to ensure the public agency was able to fulfill its social responsibilities and both management and labor unions to diligently make efforts to 'create good jobs,' the utmost government project of the new administration.

In accordance with the policy directions of the government to 'increase good jobs, reduce working hours and non-regular employees, and to improve the quality of employment,' the management and labor unions of the industrial complex at the ceremony adopted the following:

- A joint declaration after discussing △ establishment of strategies and implementation of infrastructure to create jobs, △ conversion of non-regular employments to regular employments and sharing jobs, and △ creation of quality jobs in the field of occupational safety and health;

The Committee on Creation of Good Jobs - KOSHA appointed the chairman of the board and the chairman of the labor union to the co-chairpersons and the planning director to the head of the committee.

- Moreover, it plans to form a general supervision team, employment quality improvement team and private employment creation team and to appoint academic professionals and industry experts to an advisory panel.

Young-Soon Lee, the President of KOSHA, said, "I find it very much significant as both management and labor unions come together to participate in the job creation policy, the foremost government project of the new administration." He added, "Based on cooperative relationship between the management and labor unions, it is time for all of us to be an integral part of the government policy to create quality jobs."



Safety Inspection Performed Together by Ordering Organization, Constructor and Subcontractor

KOSHA
Conducts Safety Inspection to Prevent Huge Accident
at Chemical Factories
on the 258th Safety Inspection Day



KOSHA conducted safety inspections at 27 locations throughout the nation on the 258th safety inspection day.

- The safety inspection day* is a movement for safety culture in order to prevent accidents by encouraging autonomous safety inspections by the members of workplaces as well as homes.
- * The inspection is performed on the 4th day of every April after it first started on April 4, 1996 following massive incidents such as the Collapse of Seongsudaegyo Bridge.

* Central Safety Inspection on the 285th Safety Inspection Day

- Time & Location: 14:00 on September 4, 2017 (Mon),
S-oil RUC PROJECT, AREA4, Daewoo E&C located in Ulsan
- Attended by: Jeong-yeol Yang, Regional Director of Ulsan Branch, Ministry of Employment and Labor, Ho-seong Lee, Vice President for Training and Safety Culture of KOSHA, and officials from S-oil and Daewoo E&C

- The central safety inspection conducted at the expansion site for S-oil facilities located in Ulsan was attended by the Regional Director of Ulsan Branch, Ministry of Employment and Labor, Director of Safety Training Culture at KOSHA, and officials from S-oil and Daewoo E&C.
- Especially at this safety inspection, S-oil, the ordering company, Daewoo E&C, the constructor, and subcontractors all came together to attend the inspection in order to strengthen the responsibilities for the constructor and ordering company, one of the preventive measures for significant industrial accidents recently announced.
- Through this safety inspection, the ordering company examined risk factors by each construction phase and compliances with occupational safety and health measures by the constructor, and the constructor sought out cooperative measures for prevention of industrial accidents with all members at the site by sharing risk issues from the design and work environment-related information with subcontractors.



Safety Inspection Performed Together by Ordering Organization, Constructor and Subcontractor

- Concurrently, intensive inspection was performed upon safety management of cranes at facility expansion and repair sites and compliance of safety regulations during steel frame works in addition to preventive measures for massive incidents at chemical factories.

Ho-seong Lee, Vice President for Training and Safety Culture of KOSHA, said, "Whether ordering companies or subcontractors, everyone shares the same responsibilities when discovering risks and making improvements."

- "From this inspection on, I hope that safety culture spreads further and firmly settles down in order for every involved party to prosper together," he added.

On the 258th safety inspection day, a safety inspection was conducted at the new construction and expansion work sites of S-oil located in Ulsan while it was attended by the Regional Director of Ulsan Branch, Ministry of Employment and Labor, Vice President for Training and Safety Culture of at KOSHA, and officials from S-oil and Daewoo E&C, the ordering company and constructor respectively.





Easy-to-Read Occupational Health Guideline

Easy Book, Developed and Distributed by KOSHA
One Booklet and 5 Different Contents for Online Use,
Prepared and Posted at Official Website



KOSHA develops and distributes 'Easy Book (a book beneficial to learn),' an occupational health guideline to prevent occupational diseases during the month of September.

- The Occupational Safety and Health Act, which is comprised of details necessary to prevent occupational accidents, is not easy to understand because of the limits simply being legal provisions.
- Especially at the workplaces of small businesses, failure to fully understand safety and health regulations required to prevent work-related diseases often leads to actual diseases.

The materials recently developed is to help easier understanding by simplifying core elements that both business owners and workers need to be aware in order to prevent work-related diseases.

- These materials are featured with 5 topics: △ prevention of suffocation incidents, △ prevention of chemicals poisoning, △ prevention of musculoskeletal system disorder, △ improvement of workers' health promotion and △ prevention of heat-related illness.
- At the same time, it contains mandatory safety regulations and responsive measures that need to be practiced by business owners and workers based on each of the occupational health themes.

After preparing one booklet and 5 different contents online (by each theme) from the Easy Book, the agency is scheduled to distribute them at workplaces such as the regional headquarters, branches and related organizations and to post them at its official website.

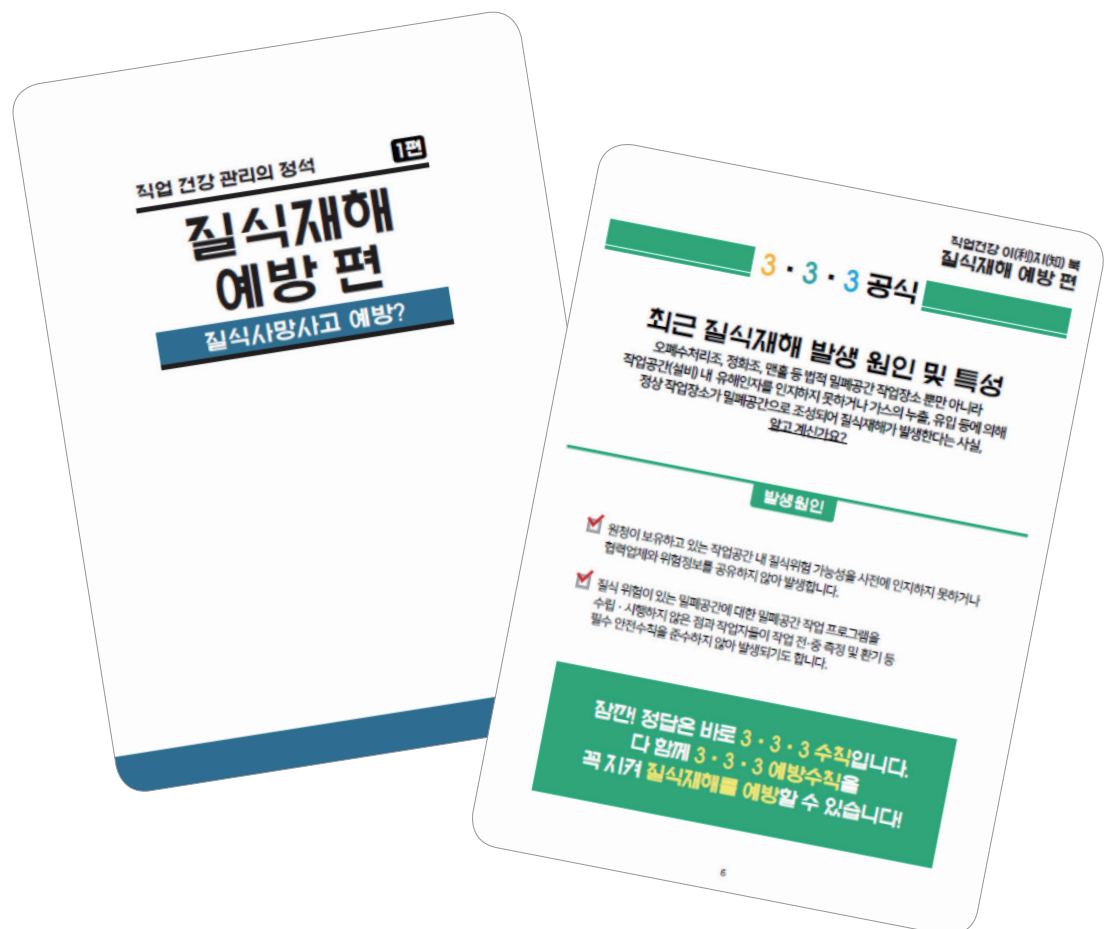
* Official Website of the Agency (<http://www.kosha.or.kr>) → Publications → Archive of Occupational Health (scheduled)



Easy-to-Read Occupational Health Guideline

Young-Soon Lee, the President of KOSHA, said, "Providing necessary information for business owners and workers in a suitable manner is as important as promoting systems and projects necessary for workplaces."

- "We will continue making efforts in order to develop numerous materials on essential matters that can be easily understood and utilized at the work sites," he added.



“ Outstanding Workplace Where Workers Are Happy

Six Outstanding Workplaces
with Health Promotion Activities for Workers in 2017
Showing Diverse Health Promotion Activities
Accommodating Working Environment
and Workers' Characteristics



KOSHA selected and announced 6 outstanding workplaces with health promotion activities for workers in 2017.

* What are health promotion activities for workers? They represent activities designed to maintain workers' health at the highest level, consisting of activities for prevention of brain/cardiovascular diseases, management of work-related stress, prevention of work-related musculoskeletal system disorders and improvement of daily routine at the organizational level.

* 6 Outstanding Workplaces with Health Promotion Activities for Workers in 2017

① Uijeongbu St. Mary's Hospital, the Catholic Education Foundation ② Incheon Frozen Food, CJ CheilJedang ③ Yangsan Factory, Lotte Confectionary ④ Asan Plant, Hyundai Motor Company ⑤ Construction Phase 2 of Songdo Convensia, POSCO E&C ⑥ Woryeong SK OceanVIEW Site, SK E&C

- Outstanding Workplaces with Health Promotion Activities for Workers are selected based on assessments of health management system at the workplace, organizational culture and operation of programs through document screening and on-site visits by experts from the labor, management and politics sectors.
- The workplaces selected this year are constantly exercising company-wide health promotion activities under the consideration of working environments and workers' characteristics.
- Workplaces selected will be given a recognition plaque as well as benefits of suspended supervision concerning health examination and promotion and recommendation for government prizes during the effective period of 3 years.



Outstanding Workplace Where Workers Are Happy

Summaries of Outstanding Workplaces with Health Promotion Activities

- **Uijeongbu St. Mary's Hospital, the Catholic Education Foundation** has successfully reduced factors for emotional labors compared to the previous period by preparing a responsive manual on abusive language, physical violence and sexual harassment/molestation from superiors or colleagues and conducting surveys on emotional labor and requirements.
- **Incheon Frozen Food, CJ CheilJedang** implemented health programs, such as individual consultation on the outcome of health examination based on 5-year examination results of the workers in conjunction with the National Health Insurance Service.
- **Yangsan Factory, Lotte Confectionary** accomplished to lower the ratio of risk groups for brain/cardiovascular diseases from 8.6% in 2015 to 6.3% in 2016 by making additional purchases of test supplies, such as automatic blood pressure gauge, cholesterol analyzer and InBody.
- **Asan Plant, Hyundai Motor Company** has successfully kept reducing the number of employees with work-related diseases from 13 in 2014, to 8 in 2015, and 5 in 2016 through rehabilitation therapies and tailored exercise treatments by establishing a preventive committee for musculoskeletal system disorder with an equal number of members from the management and labor union.
- Regarding **Construction Phase 2 of Songdo Convensia, POSCO E&C and Woryeong SK OceanVIEW Site, SK E&C**, both adopted programs to manage underlying diseases and improve lifestyle for newly-hired employees (on-site workers), common characteristics of construction sites, as well as health promotion programs for employees of subcontractors and daily workers.

Young-Soon Lee, the President of KOSHA, said, "Organizational health promotion activities must be secured to ensure health management and improvement for individual workers, and they are also very much effective not only for reduction of work-related diseases but also from the perspective of cost-benefits."

- He also emphasized, "It is very important to assure continuous operation of health promotion programs in order to secure safe workplaces where workers are healthy."



Sang-won Choi, Listed at 'Marquis Who's Who'



Sang-won Choi, a researcher at Occupational Safety Research Bureau of OSHRI was listed at the 2017~2018 edition of 'Marquis Who's Who,' which is regarded as one of the world's three major biographical dictionaries along with the American Biographical Institute of the U.S. and International Biographical Centre in Cambridge, England.

- 'Marquis Who's Who' is the oldest biographical dictionary with over 100 years of history since it was first published in 1898, and it selects around 50,000 world-renowned people from each field, such as politics, economy, society and science, and lists their profiles and accomplishments.

Since joining the OSHRI into KOSHA in 1991, Sang-won Choi, a researcher with Ph.D. in electrical engineering,

- worked on a research on risk assessment technology concerning ignition by static electricity from new/raw materials for 2 years at JNIOOSH as an STA Fellow invited by the Science and Technology Agency in Japan;
- has published a number of international journals, including 'Lifetime Assessment Using Multiple-Stress Acceleration Aging for Flexible Cable of Portable Electric Machines' and 'Safety and Health at Work,' and engaged in various activities as an expert in electrical safety, such as an administrator at the professional technology committee for explosion proof, static electricity and machineries under the International Electrotechnical Commission (IEC).

Choi said, "I will work even harder to learn and contribute to the technical advancement as well as prevention of electricity-related accidents for the purpose of preventing occupational accidents."

The decision on the listing of Choi to 'Marquis Who's Who' is the second time for the agency since Hyeok-myeon Kwon, the former Director General of the OSHRI, was listed in May of 2010, which is expected to further elevate the stature of KOSHA as well as the entire OSH field in Korea.



Grafting Advanced Training Technique to Safety and Health Training

OSHTI Introduces Flipped Learning,
Dubbed as Reverse Learning



OSHTI runs a test operation of the Flipped Learning, commonly referred to as reverse learning, on the existing safety and health training that has been operated with collective training and e-learning.

* Flipped Learning

-Just as the word 'flipped' suggests, it is a learning procedure where classes are attended through online (advance online learning) and discussions are being engaged by professors and students at the training center (school) rather than employing conventional procedures where participants take classes at school and practice in the workplace.

- Flipped Learning is a teaching method consisting of prior learning online followed by offline discussion class with professors, which is currently adopted and implemented in the U.S. and by some colleges in Korea.

For the flipped learning operated by the OSHTI, an advance survey was conducted on trainees; subsequently, 3 courses were selected, including △ risk assessments on construction works, △ KOSHA 18001 certificate practice and △ structural safety on form-shore.

- Trainees are to take prior learning through an e-learning course available at the institute until one month before participating in collective training and then to take collective training focusing on discussions and practices.

Meanwhile, OSHTI plans to procure improvement measures through debate sessions and surveys after running a pilot course of flipped learning and then to reflect those measures on the future training courses.

In-jae Shin, Director General of OSHTI, projected, "This flipped learning will offer an opportunity to elevate the effectiveness of education through progressive self-directed learning." And "As an institute leading the training on occupational safety and health in Korea, we are determined to keep working on new experiments for the purpose of innovative and highly motivated education and training," he said.



Improvement of OSH Expertise for Executives of Labor Union

Training on Occupational Safety & Health
for Executives of Members Association of the Federation
of Korean Trade Unions



OSHTI holds the training on occupational safety & health for executives of the Members Association of the Federation of Korean Trade Unions at the training center located in Ulsan between August 21st and 25th.

- Jointly operated by the OSHTI and Federation of Korean Trade Unions, the upcoming training is prepared to enhance the competence of the executives at the labor unions on safety and health, where over 160 executives are to attend from the labor unions for metal and foreign enterprises.
- The training is featured with the contents applicable to the work sites, such as △ understanding of the Occupational Safety and Health Acts △ industrial accident compensation and △ prevention of musculoskeletal system disorder, and a theme on communication and cooperation, including △ analysis on cases of safety & health activities and △ small group discussion.

In-jae Shin, the Director General of OSHTI, said, "I anticipate that this upcoming training provides opportunities to enhance the awareness on safety and health amongst the executives of labor unions and contribute to the preventive activities for industrial accidents at workplaces."



Training for Prospective Occupational Health Workforce in the Region



OSHTI supports the safety and health training for the students at the Department of Nursing Science, Choonhae College of Health Sciences, designated as the specialized college in occupational health on September 15th (Friday) and 22nd (Friday).

- Aimed to provide opportunities of systematic education for college students, future occupational health workforce, the training course will be featured with classes jointly offered by the OSHTI pursuant to the requests for support made by the Choonhae College of Health Sciences.

This training is a course that will be offered through 2019 after Choonhae College of Health Sciences was selected as a specialized college in occupational health by the Ministry of Education in 2015 and subsequently established the 'curriculum on health care professionals,' where professors from the OSHTI provide lectures on their specialties accommodating each level.

- The curriculum is comprised of a beginner's course (sophomore), an intermediate course (junior) and an advanced course (senior) by grades, and each course consists of various experiences with training facilities and lectures on areas of expertise, where over 200 future occupational health workforces have been trained since 2015.
- It also offers educations regarding the issues of mental stress and emotional labor for workers as well as risk assessment of diverse dangerous situations, which have been emphasized in preparation for the coming era of the Industry 4.0.

Through the support of lectures for the future industrial workforce, the OSHTI anticipates to fulfill the role and responsibility as a public educational institution as well as to present the prospective labor force the visions for the future regarding selection of career path and occupation.



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