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# Seeking Ways to Reduce Occupational Fatalities

OSHRI Conducts 74 Research Projects on Occupational Safety & Health in 2018



## 01

KOSHA (President : Park, Doo Yong) currently engages in researches on occupational safety & health in order to respond to environmental changes and social issues concerning safety & health and to contribute to reducing occupational fatalities.

- This year, a total of 74 research projects in 5 different fields are to be conducted, including △ 17 studies on policy and system, △ 8 studies on occupational safety, △ 15 studies on occupational health, △ 13 studies on occupational environment and △ 22 studies on industrial chemicals.



## 02

First, Occupational Safety and Health Research Institute (OSHRI) is currently performing future-oriented studies, such as "ICT\* convergence research to improve safety technology," in order to address fast-changing safety & health environment and identify demands for new safety & health researches.

\* ICT: It stands for Information and Communications Technology.

- This study is designed to seek practical measures for commercialization that can be fully utilized throughout safety & health activities at the industrial sites by investigating and researching the cases where ICT safety technologies are developed and actually applied.

# Seeking Ways to Reduce Occupational Fatalities

OSHRI Conducts 74 Research Projects on Occupational Safety & Health in 2018



## 03

At the same time, OSHRI also performs researches in order to respond to social issues related to workers' health and to resolve current issues related to occupational accident prevention.

- For the purpose of protecting mental health of nurses, one of the latest controversial social issues stemmed from so-called 'burning culture,' the "Study on policy to develop a system to evaluate the job stress of the nurses" will be conducted to develop tools for stress evaluation and protective measures for mental health.



- The "study on investigation of current working environment and improvement of health examination for sanitation workers" is to evaluate the level of exposure to harmful factors, such as automotive emission and fine dust, and to develop measures for health examination of sanitation workers.

## 04

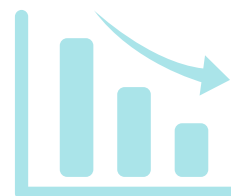
Moreover, other practical researches that can be applied to worksites are also being pursued in order to contribute to reducing fatalities caused by occupational accidents.

- The "study on implementation of advanced technology to prevent accidents at confined workplaces" is to procure measures to utilize sensors measuring harmful gas and relevant latest technologies in order to prevent suffocation accidents at confined workplaces.
- And through "construction of automated analysis system to prevent acute poisoning accidents," it is to develop an automated system for pre-treatment of specimen and analysis procedures to evaluate working environment.



# Seeking Ways to Reduce Occupational Fatalities

OSHRI Conducts 74 Research Projects on Occupational Safety & Health in 2018



## 05

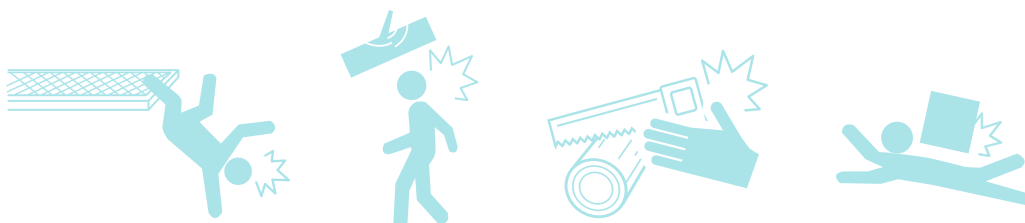
The OSHRI exercises comprehensive managements in order to deliver meaningful research outcomes by executing a monitoring system on core researches designed to inspect the progresses of all of this year's researches on frequent basis.



## 06

Kim, Jang Ho, the Director General of OSHRI, noted, "The needs for researches on occupational safety & health inevitably continue growing due to rapid-changing social structures and technological advancements."

- "OSHRI is dedicated to reducing fatalities caused by occupational accidents through researches on occupational safety & health with enhanced field applicability," Kim said.



# Listening to Public's View on Safety & Health Training

OSHTI Invites the Public for Inputs to Develop Consumer-oriented Safety & Health Training



## 01

The Occupational Safety and Health Training Institute (OSHTI) under the KOSHA (President : Park, Doo Yong) hosts a contest of 'Public Proposal for Safety & Health Training' in order to implement consumer-oriented training by collecting diverse views from the general public and reflect those views on training courses.

- The contest is open to public throughout the year, and anyone can present his/her suggestions as long as the suggestions are related to safety & health training provided by the institute, including a suggestion to open up a new training course that the public hopes to access.
- In addition, suggestions made through the contest will be reflected on the new offering of training course on 'Safety & Health MOOC\*,' an online safety & health training that is offered for free by the e-Learning Center of OSHTI.

\* MOOC (Massive Open Online Course): A training course through online open to a large number of users

### CONTEST



- ① Outstanding suggestions selected based on examinations will be reflected on operation plans for training courses and new offering of e-learning training courses; and at the same time, those who present outstanding suggestions will be awarded with prescribed gifts.
- ② Suggestions are accepted through a message board for the contest at the official website of OSHTI, e-mail or facsimile.

▶ e-mail : [koshaedu@kosha.or.kr](mailto:koshaedu@kosha.or.kr)  
▶ Facsimile: 052-703-0341

# Protect Workers' Health by Eradicating Old Practice of Extended Working Hours

Starting in May, a Project to Prevent Deaths from Overwork Will Be Implemented Targeting Workplaces with High Risk for Extended Working Hours



## 01

KOSHA (President : Park, Doo Yong) launches a project to 'prevent deaths from overwork' by targeting workplaces with high risk for extended working hours.

- The purpose of this project is to promote establishment and implementation of plans for health enhancement activities at workplaces in order to prevent deaths from overwork, one of the latest social issues and also to eradicate conventional practices enforcing extended working hours through those plans.



## 02

Candidates for this project include 100 workplaces\* subject to joint inspections on the labor standards and occupational safety for the purpose of improving conventional practice of extended working hours, and implementation procedures may vary depending on the size of businesses.

\* workplaces which have acquired approval for recuperation from brain, cardiovascular and mental disorders caused by extended working hours between 2016 and 2017

- Small workplaces with less than 20 employees are to obtain consultations on verification of current status concerning health management performed by the KOSHA and also to participate in health enhancement projects overseen by regional workers' health centers.
- Workplaces with 20 or more employees are to garner consultations\* from the KOSHA regarding establishment of improvement plans for in-house health promotion, and those plans will be implemented following determination of their propriety and supplementation procedures based on the examination given by the KOSHA.

\* workplaces with 300 or more employees are exempted for consultations

# Protect Workers' Health by Eradicating Old Practice of Extended Working Hours

Starting in May, a Project to Prevent Deaths from Overwork Will Be Implemented Targeting Workplaces with High Risk for Extended Working Hours



- KOSHA is to conduct quarterly monitoring in order to inspect whether plans established to improve health promotion and activities to protect workers' health by each workplace are being properly implemented.

- Meanwhile, KOSHA hosted briefing sessions concerning projects to prevent deaths from overwork at 3 regions nationwide for 2 days on 3<sup>rd</sup> and 4<sup>th</sup> of May where the purpose of the projects and detailed implementation measures were introduced.

- The Ministry of Employment and Labor plans to perform joint inspections on the labor standards and occupational safety targeting workplaces either which failed to participate in the projects despite being a candidate to join the projects to prevent deaths from overwork or where establishment and implementation of improvement plans are not adequately completed.



## 03

Park, Doo Yong, the President of KOSHA said, "The issue of deaths from overwork, one of the most serious social issues today, needs to be addressed by all members of the society with keen interests and vast efforts to resolve the issue."

- "Stemmed from these projects, I truly anticipate this old conventional practice of extended working hours, that is rampant throughout workplaces, to be improved in order for these projects to serve as a foundation to help our society protecting workers' health," Park emphasized.



# KOSHA and City Government to Make Pyeongtaek Safe

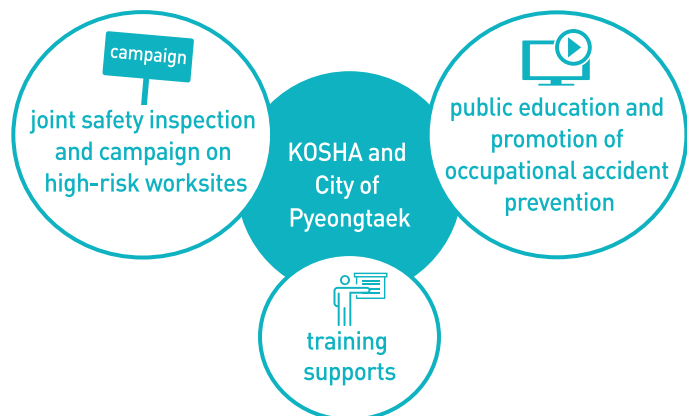
Business Agreement to 'Build Safe City' Signed between KOSHA and Pyeongtaek



## 01

KOSHA (President : Park, Doo Yong) and Pyeongtaek (Deputy Mayor & Acting Mayor : Jeong, Sang Gyun) agree to sign a business agreement to "Make Pyeongtaek a Safe City" at the all-source situation room in the Pyeongtaek on the May 15<sup>th</sup>.

- This agreement aims to ensure the Pyeongtaek to be safe through joint activities to prevent occupational accidents since the importance of occupational accident prevention continues being elevated due to soaring number of worksites and workers within the jurisdiction of Pyeongtaek in recent years.
- Both organizations plan to engage in △ joint safety inspection and campaign on high-risk worksites, △ training supports and △ public education and promotion of occupational accident prevention.
- Moreover, the Pyeongtaek expects its effort to attain accreditation of international safe city to be further propelled by this agreement.



## 02

Park, Doo Yong, the President of KOSHA announced, "I sincerely hope Pyeongtaek to become a safe and happy city that is free from occupational accidents through this agreement."

# KOSHA and City Government to Make Pyeongtaek Safe



Business Agreement to 'Build Safe City' Signed between KOSHA and Pyeongtaek

- “By building a tight cooperative system with the city, the KOSHA is determined to invest best efforts to ensure the Pyeongtaek to be a safe place for workers,” Park added.

- Park, Doo Yong, the president of KOSHA (right) and Jeong, Sang-gyun, the vice mayor of Pyeongtaek (left) signed an MoU to make the Pyeongtaek safe city in cooperation



- People concerned from KOSHA and the Pyeongtaek posed for a commemorative photo after MoU Signing



# OSHTI and Ulsan University Work Together to Develop Local Talents

MOU Signed Between OSHTI and FIC of Ulsan  
University to Operate 'Open Campus'



## 01

The Occupational Safety and Health Training Institute (OSHTI) under the KOSHA and Foundation of Industry Corporation (FIC ; Director : Cho, Hong Rae) at Ulsan University signed a business agreement for "development of local talents and proliferation of safety culture" at OSHTI on the 29 of May.

- This agreement became reality because of the determination by the OSHTI to make contributions to the advancement of local communities as a public institution where the agreement aims to discover and develop local talents and elevate safety awareness for future industrial workforce by operating Open Campus\* training courses focusing on OJT and practical field training based on superb educational infrastructure of the OSHTI and FIC's vast experiences and know-how's on talent development.

\* An alias of general training programs focusing on-the-job/practical field training offered to local college students through collaboration between local universities/colleges and public institutions that have moved to the region as a part of local training courses

- These two agencies are to engage in activities, including △ new offering of Open Campus, courses of which credits are being authorized, △ supports for job searching in conjunction with empirical internship programs and △ accumulated training for safety awareness, through this agreement.

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MOU Signed

# OSHTI and Ulsan University Work Together to Develop Local Talents



MOU Signed Between OSHTI and FIC of Ulsan  
University to Operate 'Open Campus'

## 02

Director General Shin In Jae of the OSHTI, expressed his stern will to fulfill this agreement by saying, "KOSHA is now destined to build a sustainable cooperative relationship rather than presenting one-time and unidirectional events based on this agreement with Ulsan University, and the agency is also determined to bring its best efforts to develop super professional workforce for occupational safety & health and further spread safety culture."

- ▶ Director General Shin In Jae of OSHTI (left) and Director Cho, Hong Rae of FIC, Ulsan University (right) signed an MoU to foster local talents and disseminate safety culture on 29th of May



# Meet Ulsan Products at OSHTI

OSHTI Introduces an Exhibition Hall for Products of Social Enterprise



## 01

OSHTI through collaboration with Ulsan Social Economy Support Center (Director : Moon, Heung Seok), built 'Do-Bit-Na-Rae\*', a year-round exhibition hall for products of social enterprise, at the building of OSHTI located in Ulsan.

\* It is originated from pure Korean words meaning 'two shining wings,' symbolizing co-existence between social enterprises and KOSHA

- The KOSHA is the first-ever public institution that has moved to the Ulsan Innovation City to offer an exhibition space for products made by social enterprises as the agency aims to support exhibitions and help developing distribution routes of products manufactured by local social enterprises.

- As of today, products from 9 social enterprises located in the Ulsan region are being on display, and the products on display are to be replaced on regular basis under the consideration of seasonal and periodic demands.

- Especially when purchases are made through the Do-Bit-Na-Rae, special discount rates will be applied.



# Meet Ulsan Products at OSHTI

OSHTI Introduces an Exhibition Hall for Products of Social Enterprise



## 02

Director General Shin In Jae of OSHTI said, "I have a high expectation that the superb quality of projects from social enterprises would be widely publicized through word-of-mouth by trainees of which the number eclipses over 12,000 every year."

## 03

The KOSHA, along with Ulsan Port Authority, Korea Social Enterprise Promotion Agency and Ulsan Social Economy Support Center, is helping out local social enterprises after signing a business agreement aiming to build and vitalize social economic eco-system on April 16<sup>th</sup>.

- ▶ Do-Bit-Na-Rae, a year-round exhibition hall for products of social enterprise





# Learn How to Manage Workplace Chemicals

OSHTI offers New Training Course, "Preparation and Information Delivery of Material Safety Data Sheet"

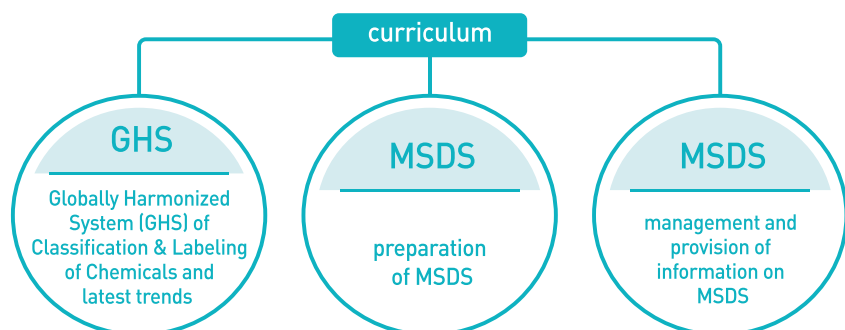


## 01

OSHTI introduces a new training course, "Preparation and Information Delivery of Material Safety Data Sheets (MSDS\*)," designed to procure safety while handling chemical, starting on the 23<sup>rd</sup> of this month.

\* Material Safety Data Sheet (MSDS): A type of "manual to handle chemicals" describing the name, harmfulness/risk and caution for handling of chemicals

- This training aims to prevent health hazards for workers by responding to new occupational diseases which may incur due to increasing use of new and alternate chemicals and improving management system of existing chemicals.



- The curriculum of the course includes △ Globally Harmonized System (GHS) of Classification & Labeling of Chemicals and latest trends, △ preparation of MSDS and △ management and provision of information on MSDS, where the courses are being offered through collective and practical training.
- Candidates for the course are mainly safety officers at worksites manufacturing, importing, distributing and handling chemicals. Applications are being accepted through the official website of the training institute. More information is available at the Customer Center of the institute (☎1644-5656).

# Learn How to Manage Workplace Chemicals

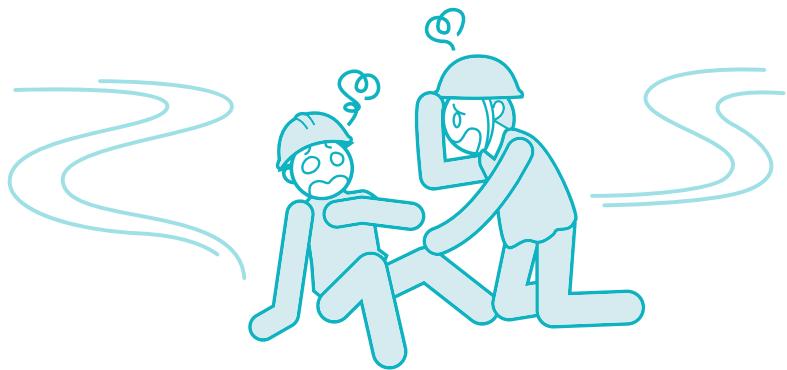
OSHTI offers New Training Course, "Preparation and Information Delivery of Material Safety Data Sheet"



## 02

Director General Shin In Jae of OSHTI pointed out, "Professional and systematic training on MSDS is in great need than ever because of the recent social concerns for occupational diseases, such as methanol poisoning incidents."

- "OSHTI is dedicated to expanding its expertise by offering various training courses to respond to the latest trends in occupational accidents and environmental changes," Shin added.







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