

# KOSHA NEWS

Protecting Worker's Life and Health

October

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# Easier access to MSDS and Medical Counseling

Hot-line for Chemical counseling & Medical counseling for workers exposed to chemicals



- KOSHA runs 「KOSHA Hot-line for Chemicals information」 to cope with occupational health problems arising from chemicals used in workplace.
- Early this year, a series of accident occurred in small-sized workplaces handling chemicals. The accidents made victimized workers be blinded due to addiction to Methyl alcohol.
  - The main cause of accident occurrence is the lack of awareness and information on hazardous chemicals. In particular, workers in small-sized workplace and vulnerable workers, such as female, migrant and sub-contracted workers, are exposed to the risks.
- To prevent chemical-induced accident, Ministry of Employment and Labor and KOSHA newly established dedicated hot-line (1644-8595) to provide information of chemicals used in workplace, technical guidance, and counseling on workers' health.
  - For those who need counseling on chemicals, the system will put the person through to relevant regional or area office and then customized-support according to the counseling will be provided.
  - When the necessity of provision of chemicals information or working environmental monitoring arises, KOSHA would provide customized-technical guidance such as provision of MSDS\*, measurement and assessment of working environment and so on.
    - \* MSDS : Material Safety Data Sheet

• If necessary, for those who are suspected to have occupational diseases or required to have medical counseling, KOSHA and relevant workers' health centers will work together for improving health condition of workers.



## **Easier access to MSDS and Medical** Counseling

Hot-line for Chemical counseling & Medical counseling for workers exposed to chemicals



- In addition, KOSHA will print ad posters about the system for system settlement. Staff of KOSHA and professional accident prevention agencies will visit 100,000 workplaces to distribute the posters in person.
- KOSHA expects the system would be of help for OSH policy establishment by providing customized-information on the hazardous factors of chemicals to employers as well as employees.
- President Lee Young-Soon of KOSHA mentioned "we hope the system would help in protecting workers' health with the provision of chemicals information."



# Occupational Safety and Health Act, Easy to understand in Cartoons

42 episodes about abiding by the OSH Act



- KOSHA distributes 「Occupational Safety and Health Act in Cartoons」 for better understanding of employers and employees on the Act.
- • The 「Occupational Safety and Health Act」(hereafter "the OSH Act") gives employers a duty to take proper steps for occupational accident prevention. It, however, has not been easy to understand the complicated Provision of Act. Not only that, technical knowledge is required for comprehension of many of contents.
  - This idea of KOSHA to make cartoons about the OSH Act comes from 「Occupational Safety·Health Regulations in Cartoons」 which is published by KOSHA in 2015. The OSH regulations in Cartoons have helped people in charge of safety and health to better understand OSH regulations.
  - In this regard, KOSHA publishes cartoons about the OSH Act to enhance safety awareness of general public and to raise ability of people on compliance with safety and health actions such as mandatory safety regulations.
- This Picaresque style cartoon book includes written explanation of the provision on which each episode is based. In addition, distinctive characters in the cartoon helps readers to understand the contents better.

- The cartoon book consist of 42 chapters each of which includes pictures(comic part) and detailed description(explanation part).
- The comic part attracts the interest of employers and employees with comic about an imaginary accident case likely to occur based on legal provisions.
- The detailed description in the explanation part helps employers and employees apply the case to their workplace with check points.

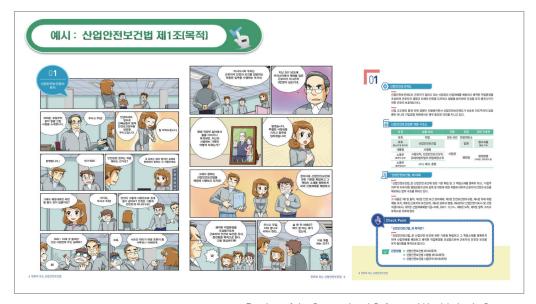


# Occupational Safety and Health Act, Easy to understand in Cartoons

42 episodes about abiding by the OSH Act



- The 「Occupational Safety and Health in Cartoons」 is now in the making by KOSHA and will be distributed from this October. Regional and Area offices of KOSHA will distribute the book to the target workplaces subject to technical assistance.
  - In addition, relevant organizations of KOSHA(1,645) such as private accident prevention bodies will distribute the cartoon book as well.
  - For the general public, the cartoon is posted on the official website of KOSHA (http://www.kosha.or.kr), updated serially on the Naver blog of KOSHA ('16.10.1~11.11, 42days), and kept in the public libraries(978 sites) nationwide.
- Mr. Ryoo, Ho-jin, Director of Training and Media Bureau said "KOSHA will step forward to contribute occupational accident prevention by developing OSH educational content targeting viewpoint of the general public."



Preview of the Occupational Safety and Health Act in Cartoons



## "Stepping Stone to Employment" program

Employing 17 persons following Two-month Program - Applications accepted by Sep. 27



- The "Stepping Stone to Employment" program will be introduced to employ competent people in the occupational safety and health area.
  - KOSHA (President: Lee, Young-Soon) will be operating the government's "Stepping Stone to Employment" program from September and employ 17 people among those who complete the program at the end of the year. The selected people will become regular employees of KOSHA working on flexible hours.
  - The "Stepping Stone to Employment" program is a training program supported by the government and led by large corporations and public agencies in order to provide young people with job opportunities by enhancing their job competency.
- KOSHA is receiving applications for the program between September 12 and 27 on the official website. Anyone at 34 year-old or less looking for job may apply for the program.
  - KOSHA will select 51 people from applicants and provide job training required in the occupational safety and health field for two months from October 17 to December 9.
  - KOSHA also plans to employ 17 people out of those who complete the program as regular employees working on flexible hours (30 hours a week) in coming December.
- The "Stepping Stone to Employment" program will help job-finders to get on-thejob education through the occupational accident prevention program implemented throughout KOSHA offices. The program is based on the National Competency Standard (NCS) instead of the unreasonable qualification standard the society follows. Selected 17 people will work on site right after their hiring.



## "Stepping Stone to Employment" program

Employing 17 persons following Two-month Program - Applications accepted by Sep. 27



Mr. Lee, Joo-gap, head of Human Resource Development Department of KOSHA, said, "I hope the 'Stepping Stone to Employment' program helps many young people to find jobs", and added, "We will make full use of the program to find and employ competent people next year also."

#### \* KOSHA's The "Stepping Stone to Employment" occupational training program (8 Weeks)

Division	Common Competency Training (2 Weeks)	Basic Job Training (3 Weeks)	Advanced Job Training (3 Weeks)
Summary	<ul> <li>KOSHA occupational accident prevention program</li> <li>Occupational accident statistics</li> </ul>	<ul> <li>Occupational Safety and Health Act</li> <li>Safety and Health Management</li> </ul>	<ul> <li>Risk Assessment System</li> <li>Working-level operations in machine / electricity / construction / health</li> </ul>



# The 246<sup>th</sup> Monthly Safety & Health Day with **Safety Inspection and Campaign**

Simultaneous safety inspections by 27 Regional and Area Offices of KOSHA



- KOSHA held safety inspection and campaign at the Jeonju Factory of Schaeffler Korea Co., Ltd. located in Jeonju, Jeollabuk-do on the 246th Monthly Safety and Health Day on Thursday September 5.
- The safety inspection covered overall subjects on occupational safety such as muscular skeletal disease prevention system, protective devices, and safe operation plan.
- Also, KOSHA donated an automatic defibrillator (AED) in the name of KOSHA to enable prompt first-aid treatment in case the company abruptly finds a sudden cardiac arrest in the workplace.
- The safety inspection and campaign was held simultaneously with 27 regional offices and area offices of KOSHA in companies around the country to add to the meaning of the Monthly Safety and Health Day.



President Lee Young-Soon of KOSHA is explained about the operation process at the Schaeffler Korea Co., Ltd



### Hands-on safety education through VR

KOSHA sign MoU with Samsung Institute of Safety and Environment



- KOSHA(PresidentLee, Young-Soon) and Samsung Institute of Safety and Environment (President Paik, Jae-Bong) signed an MoU for Joint Development in Hands-on Safety Education through Virtual Reality(VR) at the headquarters of KOSHA in Ulsan in the afternoon of 4th October.
- According to the MoU signing, both organizations will pull together to develop educational contents on safety which workers can experience through VR system. After having trial operation, the contents will be disseminated to businesses.





President Lee, Young-soon of KOSHA(right) and President Paik Jae-bong of Samsung Institute of Safety and Environment signed an MoU for 「Joint Development in Hands-on Safety Education through Virtual Reality(VR)」at the headquarters of KOSHA



## **Major Accident Prevention** in Oil Industry

KOSHA-KNOC Signed MoU on 21 October 2016



- KOSHA and Korea National Oil Corporation (KNOC) work together for major accident prevention in the oil distribution industry which is the backbone of industries in Korea.
- A signing ceremony of MoU between KOSHA and KNOC was held on 23 October 2016 at the headquarters of KNOC located Ulsan, Korea. The MoU was signed to advance Process Safety Management and substantialize KOSHA18001 in the oil distribution industry.
  - \* Process Safety Management, PSM (PSM Report)
    - : A system which manages risk assessment, safety operation plan and emergency plan of companies with harmful and hazardous facilities such as the petrochemical industry
  - \* Voluntary OSH management system (KOSHA 18001)

- : A voluntary OSH management System wherein safety and health are important aspects for business management. Employers can apply for KOSHA 18001 to selfevaluate their OSH activities and then to improve insufficiencies.
- In accordance with the MoU, KOSHA will provide various methods for occupational accident prevention to the headquarters of KNOC and the 9 oil storage facilities under the control of KNOC
  - The methods which KOSHA provides include advanced techniques of accident prevention such as operating technique; technical advice; risk assessment; information sharing and so on.



### **Major Accident Prevention** in Oil Industry

KOSHA-KNOC Signed MoU on 21 October 2016



- ullet In line with that, the both parties affirmed active mutual cooperation for  $\triangle$  joint check and diagnosis on risk factors for oil storage facilities  $\triangle$  OSH education for employees  $\triangle$  dissemination of PSM  $\triangle$  exchange of the latest technology and OSH trend
- The Professional Engineering Bureau of KOSHA and HSE Department of KNOC will take full charge of the project.
- Through the partnership with KOSHA, KNOC plans to stabilize management in the oil distribution industry by enhancing enterprise-wide utilization of accident prevention method and spreading ideology of safe management focusing on CEOs.
- At the ceremony, President Lee, Young-Soon of KOSHA and Chairman Kim, Jungrae of KNOC mentioned that they expect the MoU to be the foundation of "joint cooperation belt for accident prevention in the energy industry." They also pledged to work together for accident prevention on the basis of "communication and cooperation" which is core concept of the government 3.0.



Vice-president for Technology Kim, Dong-choon of KOSHA (left), Head of Administration Group Kim, Si-u of KNOC (right)



### **MoU with Yeosu City** for ZERO Occupational Accident

Public-private partnership for safer Yeosu



- KOSHA signed an MoU for "ZERO Occupational Accident, Safer Yeosu" with Yeosu City and Yeosu MBC\*.
  - At the MoU signing ceremony, President Lee, Young-Soon of KOSHA, Mayor Ju, Cheol-hyeon of Yeosu, and President Yoon, Young-wook of Yeosu MBC attended to affirm the will to make Yeosu a safer city.

\*MBC: Munwha Broadcasting Corporation

- \* Overview of Yeosu City
- Population: 294,073 (as of Dec. 31 of 2015),
- approximate number of business/workers: 12,000/100,000



President Lee, Young-Soon(third from the left), Mayor Ju, Cheol-hyeon of Yeosu (fourth from the left), President Yoon, Young-wook of Yeosu MBC (fifth from the left)



## **MoU with Yeosu City** for ZERO Occupational Accident

Public-private partnership for safer Yeosu



- In accordance with the MoU, KOSHA would spare no effort to support businesses in Yeosu by providing technical guidance and educational and informational materials for accident prevention. The agency also endeavors to disseminate safety culture in workplace.
  - Under the MoU, Yeosu would create safer environment by intensifying safety and health activities as well as labor inspection when it comes to construction or public project ordered by Yeosu.
  - In the same vein, Yeosu MBC will enhance social awareness of local people to settle the safety culture deep in the people of Yeosu.
- President Lee mentioned "I hope the MoU would make a positive effect on disseminating the culture of safety and prevention in Yeosu." He also added "the MoU would play a role as a good example of collaboration projects for accident prevention."



# Technical Seminar on Establishment of 'Future Occupational Health Research Strategy'

Establishment of research strategies reflecting changes in the working environment in the 21<sup>st</sup> century



- A seminar paved the way to the establishment of occupational safety research strategies reflecting changes in the working environment in the 21<sup>st</sup> century.
- Work Environment Research Bureau of Occupational Safety and Health Research Institute (OSHRI) held the Summer Conference and Technical Seminar of Korean Industrial Hygiene Association on the topic of 「Changes in the 21st Century Working Environment and Occupational Health Research Strategy」 in Gyeongju on Thursday August 18, 2016.
  - At the seminar, 50 or more participants including experts from academia, labor circles, and business owners and CEOs and the workers from working environment monitoring agencies had heated discussions.
- During the seminar, participants gave presentations on the analysis of current occupational environment and the forecast on future occupational environment while focusing on resolving problems incurring from rapid changes in the industrial structure and working environment.
  - According to the fact-revealing analysis conducted based on domestic and foreign researches conducted in the occupational hygiene field and the working environment surveys conducted in the past 10 years, the researches on occupational health mainly focused on the assessment of exposure to harmful chemical materials in the manufacturing and construction industries. The survey of working environment also indicated a shift in the type of occupation from the manufacturing industry to the service industry.
  - In the survey asking workers about harmful factors, most workers chose muscular skeletal disease and sleeping disorder.



# **Technical Seminar on Establishment of** 'Future Occupational Health Research Strategy'

Establishment of research strategies reflecting changes in the working environment in the 21<sup>st</sup> century



- In the discussion following the presentation, many participants argued that the research needs to expand its scope on the new industry since the focal point of industrial structure is shifting from manufacturing industry to new industry, thereby causing changes in work patterns and risk factors
  - and that the policy and system shall be improved to fulfill the role of public agencies and the focus shall be placed on the research of exposure risk management.
- The seminar provided a chance to establish the research strategies for future occupational healthy (occupational hygiene) based on the outcomes derived from discussions. The details of presentations and discussions will be also reflected in the future research direction of Work Environment Research Bureau and the establishment of policies and systems in the occupational health area.



KOSHA staff is presenting the status of working environment in Korea



# **Technical Seminar on Establishment of** 'Future Occupational Health Research Strategy'

Establishment of research strategies reflecting changes in the working environment in the 21<sup>st</sup> century



- \* Future Tasks Proposed through Seminar」
- O Researches conducted under current industrial structure do not have long vision and mostly focus on the assessment of the exposure of harmful chemical materials, ventilation system in the workplace, and topics serving social needs.
- O In today's industrial structure, however, secondary and tertiary industries are losing boundaries between them while the quaternary industry is emerging and the labor market is also changing toward the direction where workers are aging, the number of female workers, specialized workers and professional workers is increasing, and works requiring the physical burden of workers are increasing, and therefore researches shall reflect such changes.
- O Also, it is necessary to develop measures to prevent health hazard due to high fever resulting from the rapid change of climate, study environmental impacts of fine dust, and R&D on how to develop and use big data.
- Inspired by this seminar, Work Environment Research Bureau of OSHRI is planning to regularly hold discussions on the research direction for occupational health to continuously monitor the direction of research.



### OSHTI and SETI signed MoU

For OSH awareness and practical ability of educational personnel in Seoul city



- Occupational Safety and Health Training Institute, OSHTI (Director General An, Hong-seop) and Seoul Education Training Institute, SETI (President Jo, Yong) signed an MoU for enhancing the ability of educational personnel in OSH field on 18 October.
- According to the MoU, OSHTI supports educational personnel, affiliated to Seoul Special City, to increase awareness and practical abilities in OSH.
  - OSHTI provides SETI with remote education contents on OSH, which is owned by OSHTI, without compensation. The educational contents will be utilized during training for educational personnel.
  - In line with that, active mutual cooperations between the two organizations will be initiated by developing training curriculum; sharing competent OSH lecturers; supporting utilization of educational facility; and working together for ongoing projects and PR.
- A relevant staff of KOSHA mentioned "I am expecting the educational contents would contribute to enhancing safety awareness of educational personnel." "The advancement of OSH awareness would also lead to higher level of safety management at schools and in public sectors such as construction projects ordered by public organization" the staff added.



### On-line OSH training for public officers

Free training courses from September



- OSHTI (Director General : An, Hong-seop) in collaboration with Boryeong District Office of the MOEL (Head: Shin, In-jae) provide on-line OSH educational training for public officers in Chungcheongnam-do (Chungnam, South Chungcheong province)
  - Targeting the public officers who are in charge of affairs related to public works or facilities ordered by government body, the training is to improve workers' health as well as to enhance ability to manage safety and health.
- Chungnam is the first province to get the training among other metropolitan councils. The affiliated public officers can get the education after registering for the training.
  - The curriculum of the on-line educational training has 6 courses including 'occupational safety and health course' and will run for 3 times from September to November, 2016.

Course	Lesson	Training Hours	Contents
Industrial safety	12	6	Occupational Safety 101, 3 Lessons, Basis S&H 5 Lessons, Individual Safety 4 Lessons
Forestry safety	4	2	S&H affairs for workers in the Forestry Industry
Construction safety	22	11	Overview of safety management in the Construction site
Asbestos safety	20	10	Safety for Asbestos installation · disposal works
Machine safety	20	10	Safety standards of Harm and hazardous machines and facilities
Electricity safety	16	8	Accident case of fire accident caused by electricity and preventative measures



### On-line OSH training for public officers

Free training courses from September



- This educational training, as a pilot project of public education, is free of charge. Further educational training will be provided for free if requested by other local government bodies.
- A staff of KOSHA mentioned "We hope this educational training would enhance the awareness of people on safety management in terms of public labor or facilities ordered by government. In addition, the education would inspire people concerned to raise safety consciousness."



Director General An, Hong-seop of OSHTI(Third from the right) and President Jo, Yong of SETI(Fourth from the right) and people concerned are posing for a memorial photo of MoU signing





- It has been an year since the Seoul Statement was adopted at the 31st International Congress on Occupational Health (ICOH 2015) which was jointly held by KOSHA, ICOH (International Committee on Occupational Health) and Korea Society of Occupational Environment and Medicine (KSOEM).
- The Seoul Statement was introduced as an agenda at the 4th Steering Committee meeting for ICOH 2015 on February 2015 in Rome, Italy. With the leadership of Dr. Jorma Rantanen as the Chair of a Draft Committee, the Draft Committee was made consisting of 8 people concerned. The Draft Committee, after that, arranged a frame for drafting. During the ICOH 2015, The committee gathered the opinion of participants of the Congress and reflected them in the draft. The final draft of the Statement, reflecting opinion of participants, was announced and adopted at the closing ceremony of ICOH 2015 for attracting attention and interests of world on occupational health.
- The Seoul Statement holds resolutions of all walks of life who do their best for securing the basic right of workers. With the right, we could reduce the gap between developed and developing as well as between the west and the east. In addition, building the safe and pleasant working environment for each and every workers around the world is one thing we need to pursue with the right.
- This month, KOSHA shed new light on the Seoul Statement to remind our resolutions and reaffirm our wills for solidifying the basic right of workers worldwide. We hope that more and more people recognize the Statement and join forces together for making safer and more decent working environment in the near future.









#### Seoul Statement on the Development of Occupational Health Services for All

The 31<sup>st</sup> International Congress on Occupational Health, ICOH 2015, was organized by the International Commission on Occupational Health, ICOH, the Korea Occupational Safety and Health Agency, KOSHA, and the Korean Society of Occupational and Environmental Medicine, KSOEM, from 31 May to 5 June 2015 in Seoul, Republic of Korea. The Congress approved a "Seoul Statement on the Development of Occupational Health Services for All".

#### Recalling

that decent conditions of work, occupational health and occupational safety constitute a basic human right of workers as declared by the UN International Covenant on Economic, Social and Cultural Rights of working people (1966), the ILO Declaration on Fundamental Principles and Rights at Work (1998), the Centennial Declaration of the International Commission on Occupational Health, ICOH (2006) and the Seoul Declaration on Safety and Health at Work adopted by the ILO, ISSA, KOSHA and ICOH together with a high number of other Non-Governmental and Professional Associations (2008),

#### **Emphasizing**

that in spite of positive developments of occupational safety and health particularly in industrialized countries, over three quarters of workers of the world live and work in developing and transitory countries, often working in high risk occupations in both formal and informal sectors, without adequate protection by occupational health and safety law and lacking social protection and access to occupational health services. Such gaps in prevention and protection lead to 2.3 million deaths among the workers of the world every year,

#### Keeping in mind

that the ILO Convention No. 161 on Occupational Health Services and the WHO Global Strategy on Occupational Health for All, as well as the Cancun Charter by the ICOH (2012), call for organization of occupational health services for all working individuals and all occupations, without exclusion of any group of workers, economic sectors, including the informal sector, or workers in contracted or self-employment,

#### Taking into consideration

that new challenges, risks and hazards continuously emerge, due to changes in economic structures, transfer of technologies, demographic changes, migration and social dynamics. The management of and adjustment to the continuous change need active sharing of information, the effective use of existing knowledge, and the generation of new research on occupational health.

#### Recognizing

that a growing body of research evidence speaks for positive economic and productivity impact of occupational health services, due to prevention of loss by accidents a



#### Reminding

that according to the principles of the ICOH International Code of Ethics for Occupational Health Professionals, protection and promotion of workers' health is a professional, ethical and social imperative for all occupational health professionals and for the international occupational health community,

#### the 31st ICOH Congress states the following:

#### 1. Policies

Every government in collaboration with social partners should, as a part of their stewardship, draw up necessary regulations, strategies and programmes for national policies on occupational health and occupational health services by using the international guidance provided by the ILO Convention No. 161, Recommendation No. 171 on Occupational Health Services and the WHO Global Strategy on Occupational Health for All. Such policy should aim at the provision of services for all, with full coverage without exclusion of any group or sector of work life.

#### 2. Implementation

Implementation of occupational health policies should be based on legislation, with appropriate governance structures, well-defined rights and responsibilities, establishment and strengthening of the occupational health system and respective infrastructures, and sufficient resources and financing for services. Special measures, multiple service provision models, including primary health care, and support should be developed for organization of occupational health services for small-scale enterprises, the self-employed and the informal sectors. Public occupational health services should be provided for the underserved sectors. Where front-line services are of limited scope, usually occupational medicine and nursing, they should be reinforced by secondary level support services.

#### 3. Content and activities

The content and activities of occupational health services at the workplace level include prevention and management of physical, chemical, biological and ergonomic factors, prevention of occupational diseases and injuries, prevention of excessive work load, and work life constrains, promotion of health and work ability, rehabilitation and return to work, as well as first aid and curative services. Such services should be adjusted to the health needs of working people, by taking into consideration the existing hazards and responding to the needs of various groups of workers, including young, female, ageing and migrant workers and various types of vulnerable groups.

#### 4. Human resources, competence and expertise

IGovernments should ensure the availability of sufficient human resources for the effective delivery of occupational health services. Where possible, the occupational health service team should be multidisciplinary, covering several types of expertise, such as occupational medicine, occupational health nursing, ergonomics, occupational hygiene, psychology and accident prevention, rehabilitation and return to work. In cases, where multidisciplinary services may be difficult to organize and sustain, the basic occupational health service (BOHS) approach and proactive risk prevention and locally adjusted methods may be used.



#### 5. Training and education

In line with the ILO Convention No. 161, special competence and training are needed for provision of competent occupational health services. Governments should ensure appropriate and updated training and education curricula for occupational health personnel. International standards and model curricula should be developed for occupational health personnel. Depending on national conditions the training could be organized at universities or other relevant institutions.

#### 6. Sharing information and good practices

Effective exchange and dissemination of information on all aspects of occupational health should be promoted and encouraged, and good practices and guidelines should be shared via international collaboration between occupational health professional bodies, International and Non-Governmental Organizations, WHO, ILO and ICOH and other relevant institutions and associations. Dissemination of this knowledge should be supported by international and national expert communities, employers, workers and governmental organizations.

#### 7. Research

Appropriate and adequate research support should be structured for the production of evidence based information for the development of occupational health systems, methods and good practices, training and education. Longstanding international experience has shown that research is best supported and sustained when it is nested in the National Institute of Occupational Health, or respective centre of excellence in the country.

#### 8. Collaboration and networking

#### **National collaboration**

To ensure sufficient coordination and exchange of information within countries, continuous dialogue should be maintained and close and regular collaboration between occupational health and general health services, with occupational safety and health, social security institutions, social partners (employers and workers) and academia should be encouraged. Networking between all involved in the development of occupational health, including occupational health service providers, is also recommended.

#### International collaboration

International collaboration, including bilateral and multilateral networking, should be enhanced among all the key international professional associations in the field of occupational health and safety. Such networks should collaborate and provide scientific and professional support to the International Organizations, ILO and WHO.



#### 9. Commitment

The organizers and participants of the ICOH 2015 Congress declare commitment for collaboration and support for all parties, national and international, professional and governmental in their efforts for the organization of competent occupational health services for all workers across the world.

#### 10. Follow-up

It was agreed to follow up and evaluate the implementation of this Statement and results be presented to the forthcoming 32nd International Congress on Occupational Health, ICOH 2018, which will be organized in Dublin, Ireland.

> On behalf of the 31st International Congress on Occupational Health In Seoul, Republic of Korea, 5 June 2015,

Dr. Kazutaka Kogi, MD,

Phogi

President of the International Commission on Occupational Health, ICOH

Lee, Young Soon

Dr. Lee, Young Soon, Ph.D.

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