

2005 Newsletter

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- **OSH Statistics**

- MOL announces 2004 hazard rates for 1,000 large construction companies
 - **Construction companies with high accident rate to be restricted from participating in bidding for government works -**

Construction companies with high rate of accidents during the previous year will be subject to disadvantages including restriction on participating in bidding for government works.

The Ministry of Labor announced accident rates for the 1,000 large construction companies based the contract amount ranking during 2004. The Ministry also disclosed that for 1 year from July 1, points shall be reduced for 418 constructors with hazard rate higher than the average among the selected constructors in the prequalifying stage when participating in the government contract, and in some cases, they will be restricted from taking part in bidding or will be subject to other disadvantages.

At the same time, they will be eliminated from being recommended for government reward, will be selected as being the first to be inspected by the Ministry, and taken a judicial action if any violations are discovered.

On the other hand, the 570 companies with low accident rate will be eligible for various privileges when participating in bidding for government works, in addition to being exempted from government inspections and supervision.



The accident rate of the 1,000 large construction companies for the previous year is 0.32% or approximately 1/3 of the total accident rate of the construction industry. The number of casualties stands at 2,991 with fatalities numbering 268. These account for 15.9% and 34.4% of the total casualties and fatalities in the construction industry. Considering the works carried out by these constructors account for 77% of the total construction works performed, such accident rate is considered low.

While the construction work performed during the previous year jumped to 8.2 billion won from 7 billion won of 2003, hazard rate was reduced to 0.32% from 0.35% of 2003. Even the number of casualties and death was reduced indicating that effects were being strengthened to prevent accident by the construction industry. Of the 20 largest companies in terms of the contract performed, Dongbu Corporation recorded the lowest hazard rate (0.1%) ranked 7th while Doosan Heavy Industries and Construction and Ssangyong Engineering and Construction Co., Ltd. were ranked 17th respectively. The hazard rate of Samsung Corporation ranked 1st in terms of the amount of performance showed 0.23%, which is 26th among the conglomerates.

(Source: Maeil Safety and Health News, July 18, 2005)

- **Main OSH Policy**
 - Industrial Safety and Health Committees to be installed at work places by 2009
 - The Regulatory Reform Committee indicates ‘imprisonment for a period not exceeding 10 years or a fine not exceeding 100 million won’ for employers having accidents involving death-

Currently, the Ministry of Labor operates Industrial Safety and Health Committees at workplaces with 1,000 or more workers to reduce the ever-increasing accidents. The Ministry of Labor presented a bill to revise the Industrial Safety and Health Law to expand the operation of the Industry Safety and Health Committees at other workplace shaving 100 or more workers; however, the Regulatory Reform Committee recommended that such committees be installed on a gradual basis by 2009.

At the meeting of the Regulatory Reform Committee held on July 19, the Ministry of Labor partially revised the original bill and passed it after reviewing the proposed revision to the Industrial Safety and Health Law.

Accordingly, the Industrial Safety and Health Committee which is installed separately from the Labor-Management Council will be installed on a gradual basis, i.e. starting on September 1, 2006 for workplaces having 500 or more workers; September 1, 2007 for workplace shaving 300 to 500 workers; September 1, 2008 for workplaces with 200 to 300 workers, and starting on September 1,

2009, for workplaces having 100 to 200 workers.

The Ministry of Labor increased punishment level to "imprisonment for a period not exceeding 10 years or a fine not exceeding 500 million won" from the current imprisonment for a period not exceeding 5 years or a fine not exceeding 50 million won in its draft bill to arouse attention and to strengthen punishment for employers that have induced fatal accidents. However, the Regulatory Reform Committee revised and passed the punishment levels to imprisonment for a period not exceeding 10 years or a fine not exceeding 100 million won.

Meanwhile, the "assessment of the safety management agent" newly drafted in the revision bill to provide more safety and health services to workers by improving the qualitative level of the safety and health agents was withdrawn.

Most revisions to the Occupational Safety and Health Law drafted by the Ministry of Labor were passed by the Regulatory Reform Committee, except that the installing of the Industrial Safety and Health Committees at workplace having 100 to 200 workers has been postponed to 2009. This was contrary to the efforts made to reduce accidents; however, it seems to indicate the reality where it is difficult to install all Industrial Safety and Health Committees at one time considering the difficulty on the part of workplaces.

(Source: Maeil Safety and Health News August 25, 2005)

- **Number of inspections to be reduced at construction sites with low accident rate**
 - MOL to exclude construction work worth less than 300 million won from being subject to technical guidance -**

The government plans to reduce the number of inspections for construction companies with good safety management, which in turn is expected to help improve the safety atmosphere at construction sites.

According to the Ministry of Labor announcement made on 29th of July, it plans to revise the enforcement regulation of the Industrial Safety and Health Law. Under the revised regulation, the Ministry intends to reduce the number of inspections carried out on the hazard and danger prevention at construction sites for the construction companies having an accident rate for the past 2 years lower than the average rate of the entire construction industry, from 2 or 4 times to 1 or 2 times a year depending on the types of construction works.

The revision that takes effects on August 1 allows adjustment of the number of inspection to 1 or 2

times a year even for the construction companies having accident rate lower than that of the entire construction industry for the past 1 year.

In the past, the companies currently in the process of constructing buildings or structures 31 meters high from the ground level, buildings with the total floor area exceeding 30,000 m² or cultural and/or assembly facilities with the total floor area exceeding 5,000 m² were subject to inspection of the harmfulness and hazard prevention plans semi-annually. However, the number of inspections may be reduced to only once every 24 months if the accident rate during the past 2 years is lower than that of the average of the construction industry.

In addition, under the revised enforcement regulation, construction works worth less than 300 million won and the works requiring the preparation of the harmfulness and hazard prevention plans may be excused from having to receive accident prevention guide from external specialist agencies.

(Source: Maeil Safety and Health News, August 4, 2005)

- **Update in KOREA**
 - 2008 18th World Congress on Safety and Health at Work to be held in Korea
 - ‘afety Olympic’ to be held at Seoul COEX in 2008 -

"The World Congress on Safety and Health at Work(WSC) called the festival and the Olympic in the field of world occupational safety and health will be held in Korea for 5 days from June 30 to July 4, 2008."



KOSHA officially announced that the 18th WSC will be held in Korea in 2008, at the closing ceremony of the 17th WSC held on September 22 in Orlando, Florida of the U.S.

The 18th WSC jointly sponsored by KOSHA, International Labor Organization (ILO) and International Society Safety Association (ISSA) under the support of the Ministry of Labor will be

held at COEX located at Samseong-dong, Seoul for 5 days from June 30 to July 4, 2008.

The government, labor-management organizations, occupational safety and health research institutes, corporate experts related the occupational safety and health, and many other academic experts participated in the WSC which is held every 3 years.

As an international congress held to contribute to the prevention of industrial accidents through the exchange of new technologies and information related to safety at workplaces, exchange of experiences and knowledge on preventing occupational diseases, and the safety and health cooperative projects and exchanges between members, this congress has served to the prevention of accident and the protection of workers' health.

At this Korea congress held for the 2nd time in Asia following that held in India in 1993, there will be theme presentations by experts with respect to 'work, safety and health', workshops regarding safety, health, construction and occupational diseases, film and video festivals sponsored by each country, and the poster exhibitions to meet the international trends where safety and health are stressed at workplaces.

Korea Occupational Safety & Health Agency believes that the Korea Congress held in 2008 will promote the status of Korea to a level of a hub in the occupational safety and health sector of the Northeast Asia, and provide a good opportunity to enhance the safety and health consciousness of our society by learning special technologies from advanced countries and by exchanging information.

KOSHA plans to use this opportunity to introduce Korea's advanced safety and health management system through a variety of programs, and introduce Korean enterprises to the world. In connection with this, KOSHA will construct a cooperative system with EU, U.S. Japan and other international agencies and organizations related to safety and health, and make appropriate preparations to ensure success in the next congress to be held in 2008.

In the meantime, at the closing ceremony of the 17th WSC held on September 22 in Orlando, U.S.A., with the world industrial safety and health experts and related persons attending, Kil-sang Park, President of KOSHA, officially announced Korea's hosting of the next congress, requesting interest and participation of the world people related to safety and health.

(Source: KOSHA News, September 26, 2005)

- 2005 Labor White Book published. Support to be provided to foreign workers on safety and health
 - Safety and health management to be strengthened for small-medium workplaces -

According to the 2005 Labor White Book published by the Ministry of Labor, accident potential last year was high at small-medium workplaces having insufficient financial power and technical capability. It is therefore considered necessary to launch concentrated accident prevention activities at such workplaces.

Accident casualties experienced by the small-medium workplaces with less than 50 workers in particular accounted for 68% of the total casualties. The Ministry of Labor therefore plans to continuously push the construction of clean workplaces by these small-medium workplaces, expand the scope of workplaces subject to safety and health improvement orders to those having at least 5 workers, and increase safety and health technical support programs.

At a time when it is already 1 year since the employment permit system for foreign workers went into effect, there were 54 fatalities and 2,650 workers injured during the previous year, making it necessary to strengthen safety and health management for such workers.

In connection with this, the Ministry plans to organize foreign worker safety training teams composed of instructors who can speak foreign languages fluently and interpreters in the 6 local labor administration to provide concentrated training to foreign workers and employers. At the same time, the Ministry intends to strengthen its inspection on 7 highly accident-prone types of work by checking the status of the workplaces using foreign workers, provide subsidies for the construction of the Clean Workplaces to the workplaces hiring foreign workers, and provide safety rule notebooks, accident prevention video, and photographs translated in 10 languages.

Recently, the number of non-regular workers including temporary and day workers is on an increase trend due to change in industrial structure and the liberalization of labor market. Considering that accident rate would be high for such workers, the Ministry, based on the Labor White Book, plans to check the status of safety and health centered on workplaces with many non-regular workers, and improve problem areas.

(Source: Maeil Safety and Health News, August 16, 2005)

- Korea Federation of Social Safety holds international symposium aimed at building world's best school zones
An international symposium will be held to discuss satisfactory ways of improving children protective areas (school zones) after conducting surveys on such zones and consolidating opinions from the domestic and overseas experts.

The Korea Federation of Social Safety (Co-representatives: Yun Myong-oh, Kim Tae-yun and Yun Sun-hwa) disclosed August 24 that it will hold 'First international symposium on creating world's best school zones' attended by the experts from England, U.S. and Japan, and domestic

transportation experts under the theme of "Strategies of approaching the advanced level of the world by the school zones of our country" at the international convention hall of the Korea Press Foundation.

At this symposium, Professor Sally Cains of London University of England will present cases on 'Efforts to be made to secure safety of children' school routes' Walter Brown, Vice-Superintendent of educational affairs, of the integrated school group of Paradise Valley in Arizona, U.S., on 'Responsibility and obligation of schools and regional communities to maintain children safety', and Professor Hisasi Gubota of Saitama University of Japan will present cases on 'Assuring the school zone safety through the creation of community zones'.

In addition, papers will be presented on the current issue of Korea' school zones by 3 domestic experts one of them being Sul Jae-hoon, Director of the Road Transportation research room of the Korea Transport Institute, followed by discussions among experts from all classes.

(Source: Maeil Safety and Health News, August 23, 2005)

- Suffocation and toxic gas caused 92 deaths since 2001

The number of deaths caused by suffocation from lack of oxygen and by toxic gas while working in closed areas such as inside manholes and sewer lines significantly increases every year, and the industrial safety bureau of the Ministry of Labor is planning some preventive measures.

According to the Ministry of Labor and KOSHA, 92 persons died during a period of 5 years since 2001 due to suffocation and intoxication by toxic gas while working in closed areas such as inside manholes, refrigeration chambers, pressure tanks and sewer lines.



※ (자료사진/노컷뉴스)

To break down by type of trade, there were 65 deaths or nearly 71% of the total deaths in the non-manufacturing sector including sanitation and similar service area, while 27 persons died in manufacturing sector.

There were 44 deaths (47.8%) while working inside main drain, soil pipe and manholes related to communication facilities, 14 deaths (15.2%) while using burners inside closed areas, and 10

deaths (10.9%) while working inside reactors of chemical plants, indicating that majority deaths were caused inside manholes.

In connection with this, the Ministry of Labor invoked Article 24 of the Industrial Safety and Health Law, actions related to health, and Chapter 13 of the Industrial Health Standard Regulation, and requested each competent regional office to take strong legal actions against the employers causing accidents, and to urge accident prevention by each area in case subcontractors working on projects sponsored by public institutions or local governments cause accidents.

Meanwhile, KOSHA will always maintain DB on accident-prone workplaces subject to control to prevent accident and provide support in leasing oxygen measuring equipment and respiratory protective gears.

In addition, KOSHA will provide safety training regarding the cleaning of soil pipes installed in each local government areas, and publish and distribute technical material related to such work.

(Source: Maeil Safety and Health News, August 18, 2005)

- Industrial Accident Compensation Insurance implements 'Orienteering Service' as a model case
 - Ministry of Labor to improve service by increasing the number of medical rehabilitation specialists
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In the past, medical rehabilitation services were unsatisfactory and medical institutions were not effectively managed because treatment and compensation have been realized centered on administrative systems only. To solve such problems, the government plans to strengthen compensation for industrial accidents by introducing a special team system by function.

The Ministry of Labor and the Korea Labor Welfare Corporation have recently disclosed that the 6 regional head offices of Korea Occupational Safety & Health Agency will implement 'Orienteering Service' in relation to compensation for Industrial accident as a model case starting on August 8 to reform the industrial accident compensation centered on site service.

The purpose of the 'Orienteering Service' is to provide optimal medical and rehabilitation services from the time an accident occurs to the time of medical treatment, rehabilitation and return to community by reorganizing related teams and personnel. Currently, there is only 1 person dealing in accident compensation; however, this system will be changed into accident investigation, site service, and compensation payment teams so that they can successfully handle compensation.

The relevant team shall visit the workplace when an accident occurs to have discussions with the

employer and/or workers regarding the background of the accident to promptly determine if the accident is related to work. The field service team will meet with the worker involved in the accident, provide medical consulting on the condition of injuries and treatment period, and support rehabilitation and return to work. KLWC stated that the purpose of this project is to reform compensation process from the time of initial treatment, rehabilitation and to the time of return to society centered on site service. After implementing this project as a model case until September, KLWC intends to expand such services to all branch offices based on the results starting from October.

(Source: Maeil Safety and Health News August 8, 2005)

- Korea Road and Transportation Association holds International Road & Traffic Expo

-Products related to traffic safety exhibited-

The nation's largest road and transportation expo was successfully closed after holding various events including a ceremony commemorating the Highway Day, a road traffic seminar and a traffic sign and safety facility exhibition.

The Korea Road and Transportation Association and Korea International Exhibition Center held International Road & Traffic Expo 2005, the nation's first road and transportation exhibition at KINTEX, from 7th to 10th of the month.



Every industry related to road and transportation participated in the exhibition sponsored by the Ministry of Construction and Transportation and the National Policy Agency. Also held at this exhibition included the 1st International Road & Traffic Conference, ceremony held to celebrate the 14th Highway Day, international parking symposium and other seminars and technical presentations.

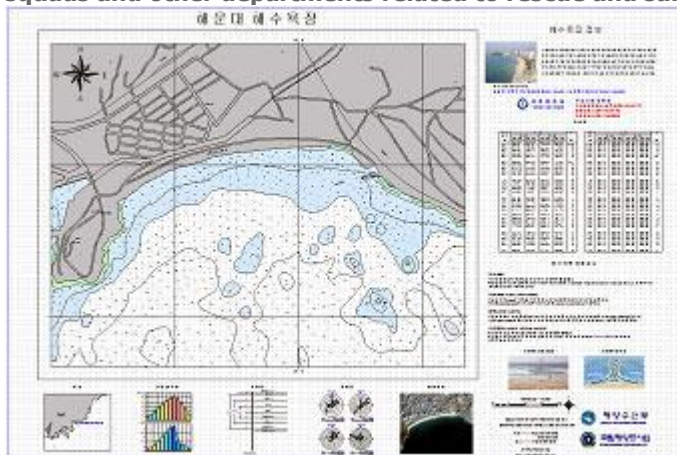
Many products related to transportation including traffic signs, safety facilities, highway construction and maintenance, ITS and public transportation and parking systems were shown at the

exhibition. The Expo offered an international business venue where related persons could learn the development trends of new technologies and new products, find customers and publicize their products.

(Source: Maeil Safety and Health News, July 11, 2005)

- Korea Coast Guard and National Oceanographic Research Institute publishes a guide containing information on 23 beaches

According to announcement made on 9th of the month by Korea Coast Guard (Commissioner General: Lee Seng-jae) and National Oceanographic Research Institute (Director General: Park Chong-rok), they will publish an information map on 23 major beaches scattered around the nation as part of plans to create safe beaches on the coming swimming season. This map contains information on water depth, deposits, tide, temperature, regional marine characteristic and other marine information including satellite photos, panoramic views, information on areas adjacent to beaches, and contact points of the rescue squad operated by the Korea Coast Guard. The Korea Coast Guard expects to operate systematic and scientific rescue and relief activities through the publication of this map, and plans to distribute the guide map to all police boxes, special rescue squads and other departments related to rescue and safety management.



The Korea Coast Guard prepared this map covering 23 beaches frequented by more than 500,000 visitors a year such as Haeun-dae, Gyeongpo-dae, Daecheon, Malli-po and Ggotji. They plan to supplement the guide whenever deemed needed for more effective utilization by the general public so that it can serve as a beach information map.

- GS E&C builds safety innovation school-Safety simulation and practice, and training centered on breakthrough-Safety simulation and practice, and training centered on breakthrough-

GS E&C(GS Engineering & Construction) plans to open a safety innovation school for the first time in the construction industry to prevent accidents. According to GS E&C, the safety innovation school

will be composed of a site of practicing the installing of safety facilities, site of accident simulation, and lecture hall. The school will be opened in December of this year in Yongin City.

During the 4 days of training, trainees will practice installing and dismantling various kinds of safety facilities at the training site of practicing the installing of safety facilities, and will experience temporary facilities, steel framework, bridges, at construction sites at the safety facilities, shoring, temporary electric work, shortage of oxygen and first-aid treatment centering on processes highly vulnerable to accidents.

In the meantime, the lecture hall will house morale training center, exhibition room and virtual room including 2 classrooms. In connection with this, GS E&C plans to train and use safety managers and in-house instructors. Once this safety innovation school is opened, all executives and employees of GS E&C, field managers and foremen of subcontractors will receive training on breakthrough and improving safety through virtual simulation and practice and other concentrated training.

"Most accidents occur when one fails to practice safety precautions even though he/she knows about safety and due to carelessness, making it urgent to innovate safety consciousness. That is why we have decided to open this school where trainees will undergo experience and practice, intention to achieve objectives and breakthrough among other training subjects," said the official from the GS E&C.

(Source: Maeil Safety and Health News, June 7, 2005)

- **Update in KOSHA**
 - S Mark Safety Certification System proves effects of preventing accidents
 - **No accident occurred on 2,811 products certified since 1997-**

Surveys disclosed that the S Mark Safety Certification System operated by KOSHA to promote the safety and quality of the machines, tools and products used at industrial sites has significantly contributed to the prevention of accidents at industrial workplaces. At a briefing held on August 29, KOSHA explained that of the 2,811 units of machines that had received S Mark certification during the past 8 years from 1997, there was not 1 case of accident occurred on these machines.

Such statistics were disclosed through the ex post fact of management carried out by KOSHA after certifying S Mark, proving that such system has significant effects on preventing accidents.

According to KOSHA, there were only 44 cases of certification granted during 1997, the first year of

S Mark introduction. The number has rapidly increased every year to 334 in 2001, 1,040 in 2004, and there are 1,100 applications for certification received this year up to August.

KOSHA said that such rapid increase is attributable to the fact that the level of safety requirements in domestic and overseas labor environment has been upgraded, and that, in the case of advanced equipment used by the semiconductor and LCD makers, productivity can be improved when the equipment safety and reliability are assured.



(Source: Maeil Safety and Health News, September 12, 2005)

- **'Future Strategies of Chemical Industry' held KRCC holds Safety Management seminars on chemicals**

The Korea Responsible Care Council (KRCC) (Chairman: Hur Won-joon) on 12th of the month hosted a 'Chemical industry' future strategy academy 2005' at the guest house of Hotel Shilla to check the policy trends aimed at developing chemical industry and to exchange information on recent issues.

Approximately 100 executives and persons related to domestic chemical industry attended the seminar. Following the welcoming address given by Hur Won-joon, Chairman of KRCC, there was a keynote speech presented by Park Il-jin, President of Dow Chemical, on sustainable development of Dow.

During the 1st theme session, a speech under the theme of 'Domestic chemical control policy and the response by the domestic chemical industry' was presented by Lee Jung-sup, Environment Health Policy manager of Ministry of Environment; 'Greenhouse gas reduction Is this a crisis or an opportunity?' by Seo Ki-woong, Energy and Resource Policy manager of the Ministry of Commerce, Industry and Energy; and 'Industrial health system and policy directions inside workplaces' by Kim Jung-bo, Industrial Health and Environment manager of the Ministry of Labor, respectively.

During the 2nd theme session, a speech under the theme of 'Improvement directions of Korea' air quality control and exhaust system classification system' was presented by Kim Sung-dong, Air Quality Management manager of the Ministry of Environment, and 'Recent overseas regulation on chemical industry' by Chung Ok-sun, President of Safe Chemical.

"Today, chemical industry requires more of our efforts and interest, and the management of the internationally regulated chemicals and related safety activities, and promotion of awareness on

health are needed more," said Chairman Hur Won-joon through welcoming address. "Today, we are here to examine international measures and helpful information from various respects and angles."

(Source: Maeil Safety and Health News, July 13, 2005)

- KOSHA and Korea Scout Association hold Children's Safety Camp

-Materials related to Virtual safety training and the types of children behavior to be collected-

An event is planned to promote safety consciousness through camp to the elementary school students who are in vacation season.

KOSHA and Korea Scout Association will jointly hold a children safety camp to achieve the purpose of safety by providing early safety training to children.



This event to be held under the slogan 'Future safety camp of my dream' at the central training center of Korea Scout Association from July 22 to July 24 is for 125 students of the 4th, 5th and 6th grade from elementary schools located in Seoul, Gyeonggi and Incheon areas.

A variety of programs will be presented at the camp some of which being named 'Why do traffic accidents occur? How do we avoid them?', 'I am a valuable person, but my body and the body of my friends are also precious.' and 'children' safety quiz king contest'.

"This event is planned to provide an opportunity for the children to learn through experience the matters that cannot be described at safety classes provided at school," said Park Dongl-kun, the Safety Culture Promotion Team head of KOSHA, about this event. "While we want to promote the safety consciousness of the participating children through this event, we also want to analyze the types of children' behavior and their reactions and use the results as the basic policy of the projects pursued by KOSHA."

(Source: Maeil Safety and Health News, July 18, 2005)

- 23rd 2005 International & Safety Security Exhibition to be held

-178 firms participating from 13 countries-

An International Safety & Security Exhibition was held to display safety equipment, rescue equipment and protective gears. Visitors can try these equipment and gears used to prevent accidents that might occur at workplaces, homes or schools and to promptly rescue casualties.

KOSHA hosted the '2005 Int'l Safety & Security Exhibition' for 4 days from June 29 to July 2 at the Taepyeongyang Hall on the first floor of COEX. Participants included 178 firms from 13 countries including the U.S., Japan and Germany.

This exhibition marking the 23rd event this year plans to introduce air cool jackets and ice vests that allow users to overcome heat at industrial sites, as well as safety electric articles that can prevent electric shocks that easily occur during rainy season.

Shown at the exhibition included special gloves that cannot be cut with a knife, gas detectors that can easily detect gas leakage from home or restaurants, and safety articles designed for children and elderly people. As part of the plan to prevent accidents, the exhibition will also introduce devices and products used to prevent musculoskeletal disease that occurs due to the use of computers and the repeated works resulting from the automation of production facilities.

"The event will offer many simulation facilities to provide an opportunity for persons related to safety and health, citizens and students to actually wear and use safety devices and gears," said an official from KOSHA. "I believe this will be a good opportunity for the visitors to promote their safe awareness"

(Source: KOSHA News, July 18, 2005)

- KOSHA holds 4th Asia-Pacific International Conference on Construction Safety

An international conference was held in Korea where persons related to construction safety from 12 countries in the Asia-Pacific region are gathered to exchange information on the policy, system, project and activities of each country.

KOSHA disclosed that it will host the 4th Asia-Pacific International Conference on Construction Safety on June 29 at the Crystal Ball Room of the Hotel Lotte.

Approximately 150 persons from domestic academic and construction world and other organizations, including the trainees invited under the ILO program, and 30 some experts from 12

member countries in the Asia-Pacific region will attend this conference.

Since the Asia-Pacific International Conference on Construction Safety was recommended by the Japan Industrial Safety and Health Association in 1997, it is held every 2 years at each member country centered on the representative civilian accident prevention agencies and organizations from 12 countries in the Asia-Pacific region.

Dirk Watermann of Germany's BG Bau Safety and Health Center is scheduled to give lectures on EU's construction safety management system, while cases of construction safety management system will be presented by Japan, Malaysia, Taiwan, Singapore and Hong Kong, and China and Korea will present themes regarding measures to prevent falling, dropping, flying objects and collapse during the process of construction.

KOSHA stated that this conference was held in order to actively cope with the change in international environment and to contribute to the improvement of the construction safety management level of the member countries.

(Source: Maeil Safety and Health News, June 21, 2005)

- International seminar on accident prevention by shipbuilding industry

- To be held for foreign ship owners and persons related to safety and health of domestic shipbuilders -

A seminar is under planning to improve safety management ability of the shipbuilding companies where potential occurrence of all types of accidents is ever-present and to share domestic and overseas safety management techniques.

According to KOSHA, it will hold an international seminar on preventing accident at shipyards on June 24 at the grand conference room of Busan Westin Chosun Hotel with foreign ship owners and persons related to safety and health from the domestic shipbuilding companies attending.

Chris Allard of Exxon Mobile, U.S.A will give lectures at this seminar on the safety management technique of shipbuilding and marine plants, and David McCoy of Total, France, on evaluation of the danger involving aerial work and protective measures.

On the other hand, Professor Chang Sung-rok of Pukyong National University will present lectures under the theme of musculoskeletal diseases occurring in shipbuilding industry and preventive measures. Lee Joo-ho, group head of Samsung Heavy Industries, under the theme of safety

management at workplaces aimed at establishing HSE culture, and Lee Chang-bok, executive manager of Hyundai Samho Heavy Industries, under the theme of the promotion of workers' health and corporate management in preparation for aging.

After the lecture session is over, there will be designated discussions and question and answer session. "Korea is world's largest shipbuilder; however, safety management in the shipbuilding industry needs much improvement yet," said Choi Chang-ryul, Safety Technology Team head of KOSHA. "We plan to provide an opportunity for sharing information such as this seminar more often to improve the safety management level of the domestic shipbuilding companies."

(Source: Maeil Safety and Health News, June 10, 2005)

- **New OSH Materials**
 - KFPA publishes fire safety inspection manual
 - **Fire safety guidelines for field managers and workers** -

The KFPA(Korean Fire Protection Association (Chairman: Park Chung-hoon)) has recently disclosed that it had published 5th edition of fire safety inspection manual as part of a plan to survey and research fire prevention and disaster preventive facilities. The manual contains materials needed to perform duties related to fire safety.



This manual which can be referred to as a consolidated practice guidelines for fire safety contains precautions that must be taken when an inspector conducts an inspection at site, information on the building fire prevention and escape facilities related to disaster prevention technologies electric, gas and other hazardous material, fire-fighting facilities, and the fire prevention standards covering each industry and process. The Association know-how accumulated for 30 years based on actual safety inspections are well arranged and summarized in 620 pages under 11 themes. The manual also includes newly established or revised laws and regulations related to fire prevention and safety.

The Association expects that this manual will be used not only as a practice guideline by building fire managers, factory safety manager, disaster prevention facility inspectors but also as technical materials to prevent fires and explosions.

(Source: Maeil Safety and Health News, August 11, 2005)

- Guide to asbestos dismantling and removing work permit system published
 - Ministry of Labor describes actions to be taken during asbestos work -

A guidebook was published to answer questions related to the asbestos dismantling and removing work permit system being implemented to prevent damage resulting from asbestos work.

The Ministry of Labor disclosed that it had recently published a guidebook on the asbestos dismantling and removing work permit system that related persons must know prior to removing buildings. The book will be distributed to all local labor offices and related civilian institutions in the nation.

The guidebook provides detailed description on actions to be taken when dismantling and removing asbestos; working procedures, working methods and protective measures designed to prevent worker' health damage, work plans and other matters related to the handling of asbestos. The asbestos dismantling and removing work approval system that went into effect on July1, 2003 stipulates that a person desiring to dismantle and/or remove buildings containing asbestos obtain prior approval from the competent local labor office. Persons involved in illegal removal will be subject to punishment by imprisonment for a period not exceeding 5 years or a fine not exceeding KRW 50,000,000.

