

# FYI

## CHEMICAL SAFETY



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# FYi

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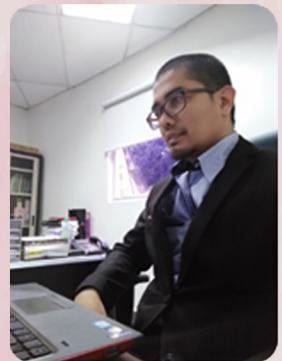
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## Editor's Note

Chemical Safety is achieved by undertaking all activities involving chemicals in such a way as to ensure the safety of human health and the environment. It covers all chemicals, natural and manufactured, and the full range of exposure situations from the natural presence of chemicals in the environment to their extraction or synthesis, industrial production, transport use and disposal.



Chemical safety has many scientific and technical components. Among these are toxicology, ecotoxicology and the process of chemical risk assessment which requires a detailed knowledge of exposure and of biological effects. In Malaysia we have Occupational Safety and Health Act (OSHA) 1994, which stipulates the general provisions for managing chemicals in the workplace under Occupational Safety and Health (Use and Standard of Exposure Chemical Hazardous to Health) Regulations 2000 (USECHH Regulations) was made to provide a legal framework to control exposure of chemical hazardous to health at workplace.

Enjoy the articles for this month, we have 'created information' to help you take care about chemical safety!

Regards  
**Haji Shahronizam bin Noordin**  
*Manager*  
*Information Dissemination Division (IDD)*  
*NIOSH*

# CHEMICAL SAFETY MANAGEMENT AT WORKPLACE



MOHD NORHAFSAM BIN MAGHPOR  
Technical Specialist

Managing chemical safely at the workplace involves commitment from various parties including employer and employees. No one can be left behind and should play their roles effectively. The words cradle to grave concept often used in addressing all possible chemical hazards throughout the entire chain of chemical usage. It starts with the production of the chemicals, transporting, receiving, use, store, and disposal of the chemical. Each and every stage requires management of chemical hazardous to health effectively.

I have been working with National Institute of Occupational Safety and Health (NIOSH) Malaysia since the last 12 years. Currently, serve as Technical Specialist for Laboratory Cluster in the Consultation, Research and Development Department (CRDD) NIOSH.) As the Members of the Malaysian Institute of Chemistry (IKM) and Full Members of the Malaysian Industrial Hygiene Association (MIHA), I would consider myself as industrial hygiene – chemist (IH-Chemist) where experience gained previously as the Manager, Technical Officer as well as Technician of the Industrial Hygiene Analytical Laboratory (IHAL), NIOSH has taught me a lot of the importance of the hygienist and chemist to work together in helping the industry where exposure towards chemicals are involved.

More than that, involvement as the Chemical Health Risk Assessor really connects between these IH-Chemist professions in assessing chemical hazardous to health and the exposure related with it before recommending the suitable actions to control the exposure. Understanding the potential hazardous chemicals exposed by the employees at the workplace and later quantifying the exposure through sampling and analysis of airborne sample and support with biological

I monitoring were so helpful in determining the risk caused when handling hazardous chemicals. Nevertheless, many uncertainties are yet to be resolved and linked in associating those chemicals and its effects.

## What is Chemical Hazardous to Health?

Occupational Safety and Health (Use and Standard of Exposure to Chemical Hazardous to Health) Regulations 2000 or USECHH 2000 specify that chemicals are considered hazardous to health if:

- listed in Schedule I, II and III of USECHH Regulations 2000
- they have one or more classification under the health hazard class in CLASS Regulations 2013
- defined as pesticide under the Pesticides Act 1974
- listed in the First Schedule of the Environmental Quality (Schedule Wastes) Regulations 2005



### What are the duties of employer towards managing chemical hazardous to health safely?

The Occupational Safety and Health (Use and Standard of Exposure to Chemical Hazardous to Health) Regulations 2000 (USECHH 2000) clearly stipulates the responsibility of the employer (including self-employed person), in respect of his employees and any other person, so far as is practicable to protect their safety and health from being affected by chemicals hazardous to health. This includes:

- Complying with the permissible exposure limits
- Taking action to control hazardous exposure
- Providing information, instruction and training
- Conducting health surveillance
- Record keeping
- Carrying out chemical health risk assessment
- Labelling and relabeling chemicals hazardous to health
- Monitoring employee exposure at the place of work
- Posting of warning signs

### Are we safe enough?

Dealing with chemical hazards posed a great risk to whoever exposed to it. We might think it is safe but instead we may not realise how risky it is since many of it contributed to chronic hazard where the symptoms will be detected upon time.

A good example is the recent Sungai Kim Kim catastrophe. Poor planning is one of the factors contribute to the contamination of Sungai Kim Kim in Pasir Gudang, Johor. Besides the impact on the public, it is undeniable that the exposure to the employees such as fire and rescue team, journalist and medical teams as well as volunteers from agencies should also be noted as they are also exposed to the hazardous chemical. Proper PPE shall be worn at all times when performing their duties. Helping those in needs are one thing but keeping ourselves safe are equally important.



March 2019

MOHD NORHAFSAM MAGHPOR  
Technical Specialist  
Consultation, Research & Development Department  
NIOSH Malaysia

# USED OF CHEMICALS IN AGRICULTURE INDUSTRY

Agrochemicals are used world-wide to improve or protect crops and livestock. Fertilisers are applied to obtain good yields from crops that are protected from insects and disease by the timely use of pesticides. Farm animals are similarly protected from parasites and disease by veterinary treatment such as vaccination, oral dosing or immersion dipping. Agricultural chemicals have an important role in land management and the production of food and fibre products, protecting plants from damage caused by insect pests, weeds or disease.

Most common of agrichemical used in agriculture are pesticides, commodity chemicals, on-farm veterinary products, and also fertilizers. Pesticides usually used intended to destroy or as the pest control medium. Pesticides named according to their usage such as insecticides used against insects. Commodity chemicals are manufactured for use in either agriculture or other industries. They may also include by-products of an industrial process or even industrial waste such as dilute caustic or acidic solutions. On-farm veterinary products are those substances used in the rearing of animals. This group of agrochemicals is applied to the skin of animals or administered orally or by injection by agricultural workers which excludes those substances manufactured only for use by veterinary surgeons. Fertilisers are plant nutrients and trace elements applied generally to the soil to promote the growth of crops.

In most cases, agricultural chemicals are referred to as 'pesticides' and include herbicides, fungicides, insecticides and pest animal baits. Many of these chemicals are hazardous and present risks to human and animal health, the environment and trade if not used correctly. To manage these risks, agricultural chemical use is regulated and monitored by Department of Safety and Health (DOSH) Malaysia.

Safety and health in the use of agrochemical has been one of the primary concerns of international organisations. Some of agrochemicals such as pesticides are extremely hazardous to the health of workers, and generally to public and also to the environment. However, chemicals can be used safely with some precautions

taken. In chemical management, all those who is responsible for the production, import, use, handling, storage, and disposal have they're on role in ensuring the safety and health in the use.

Most agrochemicals will have adverse effect if they enter the body and toxic to human health when enter to the body even in small amount. Based on Occupational Accidents by Sector until October 2018 by DOSH, Agriculture, Forestry and Fishery sector showed the third rank to have high accident and death at their workplace. The main routes of absorption are through the respiratory tract via inhalation, through the skin via dermal absorption and through the digestive tract via ingestion.



**Figure 1: Route of entry via dermal absorption**



**Figure 2: Route of entry via inhalation**



**Figure 3: Route of entry via ingestion**

Agricultural workers have known to be exposed to the variety of chemical hazards. It is important they know to use the products safely by increasing their knowledge of the hazards involved. They can get the information by reading and understanding the label on the chemical containers. By strictly following the instructions on the label, agrochemicals users will learn to protect themselves, public, livestock, wildlife and the environment.

As agrochemical workers work, they deal with various chemicals which introduce them to numbers of health hazards. DOSH stipulated chemical suppliers to comply with the provisions of Occupational Safety and Health (Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals) Regulations 1997.

The implementation of the Regulations is consistent with Malaysia's commitment in implementing the Globally Harmonised System for Classification and Labelling of Chemicals (GHS) for industrial workplace sector especially in supplying chemicals for used at work in Malaysia.

Hazard communications designed to protect workers from hazardous chemicals used or stored in the work setting. Training and information to be provided to the workers who deals with the chemicals and have the potential of being exposed. Through hazard communication the presence of hazardous chemicals communicated through chemical inventory, Safety Data Sheet (SDS), labelling and pictograms. Hence, agriculture workers as the end users of chemicals as they often see the labelling on the chemicals package information, training and information about safe use of chemicals must be provided accordingly by the employers. These responsibilities stipulated under the requirements in Occupational Safety and Health (Use and Standard of Exposure Chemical Hazardous to Health) Regulations 2000 (USECHH Regulations).

## **References:**

1. Official website, Department of Occupational Safety and Health (DOSH)
2. Health and Safety Authority (HAS)

Prepared by:

**Nurzuhairah binti Jamil**

**Executive**

**NIOSH Southern Regional Johor Bahru (SRO-JBU)**

How do I know the chemical is dangerous?

Labelling on the chemical container is very important and it indicates the dangerous properties of the chemical. Below is the example of a hazard label based on CLASS 2013. Additional information of the chemical can be found in the Safety Data Sheet (SDS) as provided by the supplier. Users may ask the supplier to provide such SDS. SDS provide important information about the hazard of the chemical, how to use, store, handle and dispose the chemical.

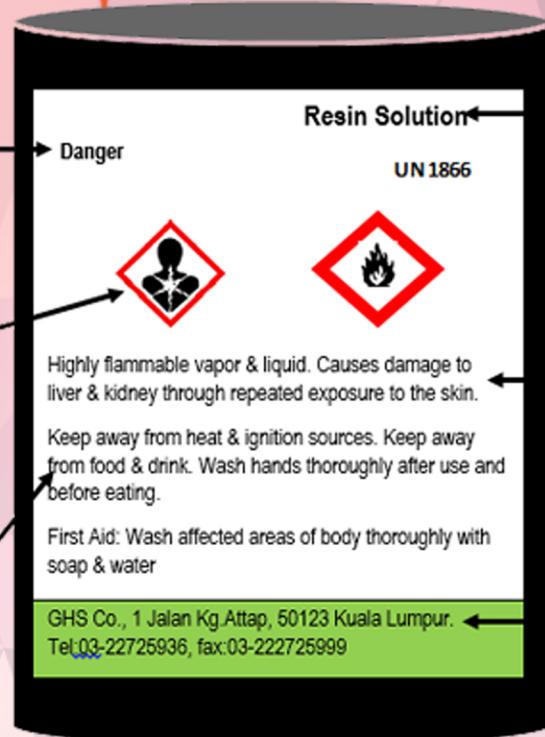
What are the hazard pictograms?

What do the hazard pictograms mean?

**SIGNAL WORD**  
This word will be either warning or danger depending on the severity of chemical hazards.

**HAZARD PICTOGRAM**  
Show specific information on hazard concerned.

**PRECAUTIONARY STATEMENT**  
Show the safeguards necessary for the health and environment protection.



**CHEMICAL IDENTIFIER**  
Name of the chemical

**HAZARD STATEMENTS**  
Show the special risks associated with the chemical and points of entry into the body

**SUPPLIER IDENTIFICATION**  
Chemical supplier company name, address and their contact numbers.

<b>DANGER</b>	Life threatening even in small amounts and brief exposure.	Handle with care.
<b>WARNING</b>	Causes very serious long-term health effects.	Never swallow or inhale.
	Causes skin and eye burns.	Avoid contact with skin.
	Destruction of metals.	Handle with care.
	Skin and eye irritation. Adverse health effects.	Don't swallow, touch or inhale.
	Damage to ozone layer.	Avoid release.

<b>DANGER</b>	Explosive- sensitive to fire, heat, vibration and friction.	Keep your distance.
<b>WARNING</b>	Highly flammable- serious fires if exposed to sparks, flames, heat.	Handle with care.
	Causes or Intensifies fire, Increases fire risk.	No ignition sources.
	Container explodes if heated. Very cold liquid burns when touched.	Wear protective clothing.
	Toxic to aquatic environment.	Do not pour down drain.

## Seminar dan Dialog Pemerkaasan Keselamatan dan Kesihatan Pekerjaan di Sektor Pelancongan

Seminar dan dialog pemerkaasan keselamatan dan kesihatan pekerjaan di sektor pelancongan telah diadakan pada 4 Mac 2019. Bertempat di Bayu Balau Beach Resort, Kota Tinggi, Johor yang dirasmikan oleh Pengurus NIOSH Tan Sri Lee Lam Thye.

Seramai lebih kurang 100 orang yang menyertai seminar separuh hari itu yang dianjurkan bersama Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH) dan Lembaga Kemajuan Johor Tenggara (KEJORA). Turut hadir Setiausaha Eksekutif NIOSH Mej (B) Hanif Maidin dan pengurus besar KEJORA Norazman Othman.

Di dalam industri pelancongan, majikan boleh membantu meningkatkan tahap KKP dengan pelbagai cara termasuk menyediakan premis, aktiviti dan jadual perjalanan yang selamat, sistem pengangkutan yang berkeadaan baik dan latihan permanduan berhemah untuk mengelak kemalangan.

Aspek KKP amat penting dalam industri pelancongan kerana ia dijangka akan terus menjadi penjana utama ekonomi negara apabila kerajaan menyasarkan ketibaan 28.1 juta pelancong antarabangsa tahun ini yang akan menyumbang pendapatan negara sebanyak RM92.2 bilion.



## Siaran TV 1 bersama Pengarah Eksekutif NIOSH



### NIOSH KOMITED PERTINGKAT KESIHATAN PEKERJA

Bersama  
EN. AYOP BIN SALLEH  
PENGARAH EKSEKUTIF NIOSH

5 MAC 2019 | SELASA | 9.00 PAGI



Pada 5 Mac 2019 Siaran langsung sesi temu bual bersama Pengarah Eksekutif NIOSH, Encik Ayop Salleh dalam rancangan Selamat Pagi Malaysia (SPM). Topik yang dibincangkan bertajuk "NIOSH Komited Pertingkat Kesihatan Pekerja"

## NIOSH Buat Pengagihan Penutup Mulut

Isu pembuangan sisa toksik di Sungai Kim Kim Pasir Gudang, Johor telah menjadikan kesihatan penduduk di sekitar kawasan tersebut. Pihak NIOSH berbesar hati menyumbang dan pengagihan peralatan penutup mulut dan hidung kepada penduduk yang terjejas di Pasir Gudang. Semoga sedikit sebanyak membantu masyarakat yang memerlukan.



## Seminar Kebangsaan Keselamatan dan Kesihatan Pekerjaan Kolej Kediaman IPT di Malaysia



Pada 8-10 Mac 2019, Seminar Kebangsaan Keselamatan dan Kesihatan Pekerjaan Kolej Kediaman IPT di Malaysia yang dianjurkan oleh Universiti Putra Malaysia (UPM) dengan kerjasama NIOSH. Bertempat di Resort World Awana Genting Highland, seminar ini telah dirasmikan oleh Pengurus NIOSH iaitu Tan Sri Lee Lam Thye.

Objektif utama seminar ini diadakan bagi;

- menerapkan konsep budaya kerja selamat dan sihat di tempat kerja
- memahami dan meningkatkan pengetahuan dalam Akta Keselamatan dan Kesihatan Pekerjaan 1994
- mengetahui prinsip asas pencegahan kemalangan dan langkah-langkah keselamatan
- mengetengahkan aspek-aspek keselamatan sebagai sesuatu yang penting untuk Organisasi dan juga pekerja melalui pengetahuan dan pendedahan terhadap hak individu dan majikan

Seramai 180 orang peserta yang menyertai seminar tersebut dimana usaha bersama untuk menambahbaik Keselamatan dan Kesihatan di tempat kerja bagi kolej kediaman IPT di Malaysia. Turut diundang tetamu jemputan iaitu Ustaz Dato' Badli Shah dan Kamal Affandi bagi menjayakan seminar 3 hari tersebut.

## Lawatan Kerja Timbalan Menteri Sumber Manusia

Pada 4 Mac 2019, Lawatan Kerja YB Dato' Mahfuz bin Omar, Timbalan Menteri Sumber Manusia ke Pusat Latihan Teknologi Tinggi (ADTEC) Bintulu, Sarawak.



## Lawatan Depot Senggara Armada Barat, Tentera Laut Diraja Malaysia ke NIOSH



20 Mac 2019, NIOSH telah menerima lawatan daripada Depot Senggara Armada Barat, Tentera Laut Diraja Malaysia. Terima kasih kepada semua AJK yang terlibat dalam menjayakan lawatan ini.

## Taklimat KKP kepada Jawatankuasa Keselamatan Agensi-agensi di bawah Kementerian Sumber Manusia

Sekitar gambar Taklimat KKP kepada Jawatankuasa Keselamatan bagi Agensi-agensi di bawah Kementerian Sumber Manusia Peringkat Negeri Johor pada 19 Mac 2019, bertempat di NIOSH Wilayah Selatan.

Penganjur : Jawatankuasa Perhubungan Negeri (dengan kerjasama JKPP Johor dan NIOSH Wilayah Selatan).



## "Signing Ceremony" di antara National Institute of Occupational Safety and Health (NIOSH) dan BHIC Marine Technology Academy Sdn. Bhd



Pada 28 Mac 2019, YB M. Kula Segaran, Menteri Sumber Manusia hari ini telah menyaksikan Sesi "Signing Ceremony" di antara National Institute of Occupational Safety and Health (NIOSH) dan BHIC Marine Technology Academy Sdn. Bhd yang bertempat Mahsuri International Exhibition Centre (MIEC), Langkawi.

## Pra Pelancaran Persidangan dan Pameran Keselamatan dan Kesihatan Pekerjaan kali ke-22 (COSH2019)

Pada 26 Mac 2019, NIOSH telah menganjurkan MAJLIS PRA-PELANCARAN Persidangan dan Pameran Keselamatan dan Kesihatan Pekerjaan 2019 ataupun dikenali sebagai COSH 2019. Majlis pra-pelancaran COSH 2019 diadakan di Pusat Konvensyen Kuala Lumpur (KLCC). Pada majlis tersebut Tuan Pengerusi NIOSH iaitu YBhg. Tan Sri Datuk Seri Lee Lam Thye, telah melancarkan tema dan logo COSH untuk tahun ini. COSH kali ke-22 ini adalah dijadualkan berlangsung mulai 26 hingga 27 Ogos 2019 di diadakan di Pusat Konvensyen Kuala Lumpur (KLCC) dengan tema adalah ""DRIVING OSH EXCELLENCE WITH INTEGRITY FOR THE FUTURE".

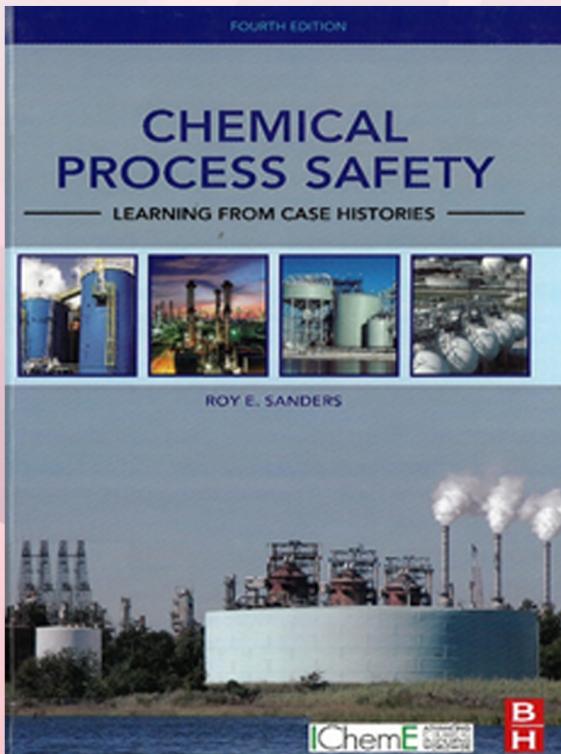
Majlis yang dianjurkan ini bertujuan untuk meraikan usaha, sumbangan serta sokongan yang telah diberikan oleh para pembekal dan pempamer yang terlibat dengan COSH setiap tahun. Ini jelas membuktikan kerjasama kukuh di antara NIOSH dengan para pengamal OSH, pempamer, peserta dan juga agensi kerajaan yang terlibat seperti JKPP dan juga PERKESO.

Pada majlis itu, Tan Sri Lee Lam Thye turut menyampaikan sijil sistem pengurusan kesihatan dan keselamatan pekerjaan (OHS MS) daripada NIOSH Certification Sdn Bhd kepada 11 syarikat. Beliau turut menggesa syarikat-syarikat yang telah mendapat pensijilan OHSAS 18001 dan MS 1722 untuk mendapatkan pensijilan ISO 45001 sebelum tempoh perpindahan selama 3 tahun berakhir pada 12 Mac, 2021.

Persidangan dan Pameran Keselamatan dan Kesihatan Pekerjaan kali ke-22 (COSH 2019) memberi tumpuan kepada integriti kerana NIOSH percaya bahawa jika seseorang mengamalkannya, beliau akan melakukan apa yang betul walaupun tidak ada sesiapa yang membuat pengawasan.



## Chemical Process Safety: Learning from Case Histories 4th Edition | by Roy E. Sanders (Author)



Chemical Process Safety: Learning from Case Histories, Fourth Edition gives insight into eliminating specific classes of hazards while also providing real case histories with valuable lessons to be learned. This edition also includes practical sections on mechanical integrity, management of change, and incident investigation programs, along with a list of helpful resources. The information contained in this book will help users stay up-to-date on all the latest OSHA requirements, including the OSHA-required Management of Change, Mechanical Integrity, and Incident Investigation regulations. Learn how to eliminate hazards in the design, operation, and maintenance of chemical process plants and petroleum refineries.

World-renowned expert in process safety, Roy Sanders, shows how to reduce risks in plants and refineries, including a summary of case histories from high profile disasters and recommendations for how to avoid repeating the same mistakes. Following the principles outlined in this text will help save lives and reduce loss.

\*\*Book for reference only : More details of this book, please refer NIOSH Library and to browse list of collection please visit; <http://www.niosh.com.my>

- Features additional new chapters covering safety culture, maintaining a sense of vulnerability, and additional learning opportunities from recent incidents and near misses
- Contains updated information from the US Bureau of Labor Statistics and the National Safety Council, with concise summaries of some of the most important case histories of the twenty-first century
- Includes significantly expanded information from the US Chemical Safety Board, US OSHA, American Institute of Chemical Engineers, and the UK Health and Safety Executive (HSE)
- Provides a completely updated chapter to guide readers to a wealth of reference material available on the web and elsewhere

### Editorial Reviews

#### Review

"...it would be useful for a safety professional or operations manager looking for examples of incidents to use in training."

--*The Chemical Engineer, Chemical Process Safety, Fourth Edition*

"The emphasis in this book is on accidents that have occurred as the result of the unforeseen effects of changes to chemical plants. The descriptions are well written, easy to read and bring out the essentials of each incident. Everyone who works in the process industries, from operator to operations director, should read the book". --**Trevor Kletz, ICI, IChemE**

"It is very welcome to see that Sanders has published this collection of cases, and he provides very valuable lessons for the chemical process industry... This book should be essential reading for not just chemical engineers but engineers and safety managers worldwide." --**Dr. P.R. Lewis, Lecturer in Materials Engineering at the Open University**

### About the Author

Sanders recently retired from PPG Industries in Lake Charles, LA. Roy worked for PPG for 42 years and specialized in Process Safety fundamentals since 1974. He is associated with the Mary Kay O'Connor Process Safety Center at Texas A&M, McNeese State University, Lake Charles, and is a member of the editorial boards of both the AIChE's Process Safety Progress and Putman's Chemical Processing. He has taught brief process safety courses across the USA, as well as, Bahrain, Canada, India, the Netherlands Saudi Arabia and Taiwan.

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## 'HELP MAKE NOSH POLICY A SUCCESS'

NIOSH chairman urges stakeholders to create an occupational safety and health culture in workplace

**KUALA LUMPUR**

**T**AN Sri Lee Lam Thye has urged all parties to support the National Occupational Safety and Health (NOSH) policy which is aimed at protecting workers' rights to a safe, healthy and conducive work environment.

The National Institute of Occupational Safety and Health (NIOSH) chairman said to ensure the success of the policy, all stakeholders must give their full support as commitment to help create a good occupational safety and health (OSH) culture in the workplace.

"The NOSH policy, approved by the cabinet and signed by Prime Minister Tun Dr Mahathir Mohamad, was officially launched by Deputy Prime Min-

ister Datuk Seri Dr Wan Azizah Wan Ismail on Wednesday night."

"In her speech, Dr Wan Azizah said the NOSH policy proved the government's commitment to improving the quality of OSH in the country and the policy must be respected by employers and employees."

"Those who fail to adhere to the policy should realise that action will be taken against them under the Occupational Safety and Health Act 1994."

Lee said the launch of the policy was timely as under the OSH Master Plan 2016-2020, the Hu-

man Resources Ministry wants to reduce industrial accidents to 2.53 per 1,000 workers and the industrial fatality rate to 4.36 per 100,000 workers by 2020.

"However, the accident rate at workplace per 1,000 workers has slightly increased to 2.93 in 2017 compared with 2.88 in 2016 and 2.81 in 2015."

"In 2006, the rate was 4.77 accidents per 1,000 workers.

"The industrial accident fatality rate has also increased to 4.9 per 100,000 workers last year compared with 4.84 per 100,000 workers in 2016 and 2015."

"If this trend continues, the targets set for industrial accidents and fatalities may not be achieved in 2020."

Lee said the NOSH policy was drafted by the National Council for Occupational Safety and Health with the cooperation of other stakeholders especially organisations representing employers and workers.

"Its main aim is to improve the OSH level through sustainable risk management at workplaces. It will help protect employers and employees while, at the same time, increase productivity."

"The policy has listed nine commitments by the government including helping to improve the OSH level through the culture of accident prevention, supervising and enforcing OSH legislation at workplaces and increasing the participation and cooperation of all stakeholders to strengthen OSH management in the country."

"It will ensure that employers provide a safe and healthy work system and take care of the welfare of their employees."

"At the same time, workers must give priority to their own safety and health and to others at their workplace."

"We must encourage all Malaysians to embrace 'Vision Zero', the first ever global campaign to improve safety, health and wellbeing at work."

Lee said Vision Zero was not a new target, but a new mindset that all injuries and ill health arising from work were preventable and zero harm was possible.

BY ROZI RAHIM



*Tan Sri Lee Lam Thye*

### HELP MAKE NOSH POLICY A SUCCESS

Publication: New Straits Times  
Date of Publication: 2 Mac 2019  
Page Number: 59

**Kuala Kangsar:** Dua sub-kontraktor Tenaga Nasional Berhad (TNB) cedera selepas kabel voltan tinggi di Pencawang TNB Sauk di sini terbakar, semalam.

Dalam kejadian kira-kira jam 12.40 tengah hari itu, keduanya mereka berusia 32 dan 58 tahun itu diperlakukan menjalankan kerja penyelenggaraan sebelum kabel voltan tinggi di pencawang itu terbakar.

Jurucakap Jabatan Bomba dan Penyelamat Malaysia (JBPM) Perak berkata, pihaknya menerima panggilan kecemasan jam 12.40 tengah hari sebelum sepasukan anggota dari Balai Bomba dan Penyelamat (BBP) Kuala Kangsar bergerges ke lokasi kejadian.

Sebaik tiba anggota mendapati dua mangsa mengalami kecederaan di bahagian muka, badan serta beberapa anggota lain selepas satu daripada kabel voltan tinggi terbakar.

"Anggota membawa kedua-dua mangsa ke hospital

## Dua pekerja cedera kabel pencawang elektrik terbakar

menggunakan van Unit Bantuan Perkhidmatan Kecemasan (EMRS) dan ambulans hospital.

"Mangsa diantar ke Hospital Kuala Kangsar untuk menerima rawatan."

"Bombai membuat pereriksaan keselamatan di kawasan pencawang sebelum operasi ditamatkan jam 1.54 tengah hari," katanya.



PEKERJA TNB yang cedera (gambar bulat) selepas Pencawang TNB Sauk meletup.

### DUA PEKERJA CEDERA KABEL PENCAWANG ELEKTRIK TERBAKAR

Publication: Harian Metro  
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## Majikan perlu sedia latihan keselamatan

**Kota Tinggi:** Semua majikan dalam industri pelancongan perlu menyediakan latihan keselamatan dan pelan kecemasan yang lebih komprehensif.

Pengerusi Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH), Tan Sri Lee Lam Thye, berkata pelaksanaan inisiatif itu bukan sahaja dapat menyelamatkan kakitangan, malah pelancong dan orang awam sekiranya kemalangan berlaku di kawasan premis mereka.

Katanya, setiap kakitangan dalam industri pelancongan juga perlu diberikan latihan mencukupi supaya lebih tahu cara mengenal pasti risiko dan menanganinya berdasarkan konsep bahaya, penilaian risiko dan kawalan risiko (HIRARC).

"Majikan perlu melaksanakan latihan keselamatan dan pengungsian (evacuation) sebagai sebahagian rancangan pengurusan keselamatan dan kesihatan pekerjaan (KKP) supaya kakitangan bersedia menghadapi sebarang kecemasan."

### Tingkat tahap KKP

"Majikan boleh meningkatkan tahap KKP menerusi pelbagai cara termasuk menyediakan premis, aktiviti dan jadual perjalanan yang selamat; sistem pengangkutan yang berkeadaan baik serta latihan pemudan berhemah bagi mengelak kemalangan."

"Latihan dan pendidikan adalah elemen utama dalam pengurusan KKP kerana ia boleh menyumbang kepada peningkatan keselamatan dan kesihatan di tempat kerja," katanya pada sidang media selepas menyempurnakan program Seminar dan Dialog Pemerkasaan Keselamatan dan Kesihatan Pekerjaan di Sektor Pelancongan Johor, di sini, hari ini.

Yang turut hadir, Pengurus Hartanah Lembaga Kemajuan Johor Tenggara (KEJORA), A Jalil Md Arshad.

Lee Thye berkata, mengikut Akta Keselamatan dan Kesihatan Pekerjaan (OSHA) 1994, tanggungjawab menjaga keselamatan dan kesihatan pekerjaan harus dipikul bersama oleh majikan, pekerja dan kerajaan.



Latihan dan pendidikan adalah elemen utama dalam pengurusan KKP kerana ia boleh menyumbang kepada peningkatan keselamatan dan kesihatan di tempat kerja"

**Lee Lam Thye,**  
Pengerusi NIOSH

### MAJIKAN PERLU SEDIA LATIHAN KECEMASAN

Publication: Berita Harian  
Date of Publication : 7 Mac 2019  
Page Number: 20

## WORKPLACE ACCIDENTS

### Occupational safety, health enforcement needs review

**THE** Association for Community and Dialogue is concerned about the high accident statistics provided by the Department of Occupational Safety and Health (DOSH).

In 2017, 183 construction workers lost their lives at worksites. This translates to 14 fatalities for every 10,000 workers employed. As for accidents, DOSH states there were 42,513 throughout the country, giving an average of 116

daily (NST, Feb 17).

It is hoped that with amendment to the Occupational Safety and Health Act 1994, Act proposed in Parliament this month, DOSH's strengths and weaknesses could be deliberated in Parliament with the objective of enhancing its enforcement capabilities.

DOSH policy and responsibility is about providing and maintaining a quality, safe and healthy

workplace and system.

Employees must ensure staff receive relevant information, directives, training and supervision on how to carry out tasks in a correct manner that poses no risks to health.

The Occupational Safety and Health Act 1994 Act was written for proactive action rather than when an incident has taken place. Has DOSH played its role effectively as a strong enforcement

body? Does it have enough manpower? Does it play a critical role in monitoring critical public projects, or does it assume that contractors are competent in exercising their duties and hold them accountable only after a disaster takes place?

The statistics of 42,513 accidents daily demands DOSH accountability.

The Human Resources Ministry should review the current

role of DOSH and evaluate its practice in line with its mandate.

It must remain a strong enforcement body that is proactively involved in preventing workplace accidents by taking action against irresponsible contractors and negligent local government authorities.

**RONALD BENJAMIN**  
Executive secretary, Association for Community and Dialogue

NST 6/3/18  
Pg 16

## OCCUPATIONAL SAFETY, HEALTH ENFORCEMENT NEEDS REVIEW

Publication: New Straits Times

Date of Publication: 6 Mac 2019

Page Number: 16

### Terjemah tindakan dalam DKKPN - Lam Thye

**KUALA LUMPUR 2 Mac** - Semua pihak diminta mencehrahkan sokongan dan komitmen penurh terhadap pelaksanaan Dasar Keselamatan dan Kesihatan Pekerjaan Negara (DKKPN) bagi melindungi hak pekerja dalam persekitaran kerja yang selamat, sihat dan kondusif.

Pengerusi Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH), Tan Sri Lee Lam Thye berkata, usaha itu tidak akan berjaya sekiranya pihak berkepentingan gagal menterjemahkan dalam tindakan mewujudkan budaya keselamatan dan kesihatan

pekerjaan (KKP).

Menurut beliau, matlamat utama dasar tersebut untuk meningkatkan tahap KKP melalui pengurusan risiko yang mampan di tempat kerja.

"Pelancaran DKKPN ini tepat pada masanya kerana dalam pelan Induk KKP 2016-2020, Kementerian Sumber Manusia telah menetapkan sasaran untuk mengurangkan kemalangan industri kepada 2.53 per-



LEE LAM THYE

atus bagi setiap 1,000 pekerja dan kadar kemalangan perindustrian kepada 4.36 bagi peratus setiap 100,000 pekerja menjelang 2020.

"Walau bagaimanapun, kadar kemalangan di tempat kerja bagi setiap 1,000 pekerja sedikit meningkat kepada 2.93 peratus pada tahun 2017 berbanding 2.84 peratus bagi setiap 100,000 pekerja pada 2016 dan 2015," katanya dalam kenyataan di sini hari ini.

Semalam, Timbalan Perdana Menteri, Datuk Seri Dr. Wan Azizah Wan Ismail melancarkan DKKPN yang melindungi hak asasi pekerja untuk mendapatkan persekitaran kerja yang selamat, sihat dan kondusif.

berbanding dengan 2.88 peratus pada 2016 dan 2.81 peratus pada tahun 2015. Pada tahun 2006, ka-

darnya ialah 4.77 peratus kemalangan bagi setiap 1,000 pekerja.

"Kadar kemalangan perindustrian juga meningkat kepada 4.90 peratus bagi setiap 100,000 pekerja pada tahun 2017 berbanding 4.84 peratus bagi setiap 100,000 pekerja pada 2016 dan 2015," katanya dalam kenyataan di sini hari ini.

"Dalam tempoh dua bulan pertama ini sebanyak 64 kes kecederaan di tempat kerja telah direkodkan manakala 80 kes direkod untuk penyakit pekerjaan seperti gatal kuku, perekak batu dan sakit kepala. Selain itu, sebanyak 32 kes talan seluruhnya."

"Dalam tempoh dua bulan pertama ini sebanyak 64 kes kecederaan di tempat kerja telah direkodkan manakala 80 kes direkod untuk penyakit pekerjaan seperti gatal kuku, perekak batu dan sakit kepala. Selain itu, sebanyak 32 kes talan seluruhnya"

## TERJEMAH TINDAKAN DALAM DKKPN - LAM THYE

Publication: Utusan Malaysia

Date of Publication: 3 Mac 2019

Page Number: 69

### Kemalangan maut tempat kerja menurun

**SEREMBAN 6 Mac** - Kadar kemalangan maut di tempat kerja yang dilaporkan di negeri ini menunjukkan penurunan sejak dua tahun lalu.

Pengerusi Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP) negeri, Izani Mohd. Zain berkata, pada tahun lalu sebanyak lapan kematian direkodkan berbanding sembilan kes pada 2017.

Beliau mengertahui, setakat bulan Februari tahun ini, tidak sebarang kematian dilaporkan.

"Berdasarkan statistik pada tahun lalu, sebanyak 12 kece-

deraan hilang upaya kekal direkodkan, berbanding 14 kes pada tahun 2017. Bagi kecederaan tidak hilang upaya kekal pula sebanyak 400 kes berbanding 322 kes talan seluruhnya."

"Dalam tempoh dua bulan pertama ini sebanyak 64 kes kecederaan di tempat kerja telah direkodkan manakala 80 kes direkod untuk penyakit pekerjaan seperti gatal kuku, perekak batu dan sakit kepala. Selain itu, sebanyak 32 kes talan seluruhnya"

serbanan 2 di sini.

Yang turut hadir timbalannya, Ghafar Karimov dan Ketua Setiausaha JKKP, Ir. Saifuluddin Hafiz.

Menurut Izani, sektor pengeluaran dan pembuatan merupakan antara penyumbang terbesar kadar kecederaan serta kematian di tempat kerja, diikuti tapak pembinaan dan teknologi.



IZANI MOHD. ZAIN (kiri) melancarkan Operasi Keselamatan dan Kesihatan Pekerjaan di Tapak Pembinaan di Seremban, baru-baru ini.

## KEMALANGAN MAUT TEMPAT KERJA MENURUN

Publication: Utusan Malaysia

Date of Publication: 7 Mac 2019

Page Number: 47

## NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

Publication: New Straits Times

Date of Publication: 7 Mac 2019

Page Number: 65

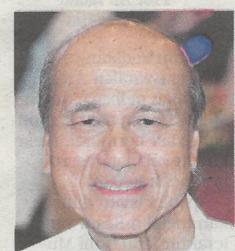
NST 6/3/18  
Pg 16

### Majikan perlu sedia latihan kecemasan

**KOTA TINGGI:** Majikan dalam industri pelancongan disaran menyediakan latihan keselamatan dan pelan kecemasan komprehensif bagi menjaga kebijakan semua pihak.

Pengerusi Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH), Tan Sri Lee Lam Thye berkata, pelaksanaan inisiatif itu dapat menyelamatkan nyawa kakitangan, pelancong dan orang awam jika berlaku kemalangan.

Katanya, setiap kakitangan dalam industri pelancongan perlu diberikan latihan mencukupi supaya tahu cara mengenal pasti risiko dan menanganiinya berdasarkan konsep berasidai hadapi kecemasan," katanya.



LEE LAM THYE

kawalan risiko (HIRARC).

"Majikan perlu melaksanakan latihan keselamatan dan pemindahan sebagai rancangan pengurusan keselamatan dan kesihatan pekerjaan (KKP) supaya kakitangan berasidai hadapi kecemasan," katanya.

## MAJIKAN PERLU SEDIA LATIHAN KECEMASAN

Publication: Harian Metro

Date of Publication : 7 Mac 2019

Page Number: 20

## OPERASI TAPAK PEMBINAAN BIL. 1/2019

Publication: Utusan Malaysia

Date of Publication: 3 Mac 2019

Page Number: 69



## COMPREHENSIVE EMERGENCY PLAN

Publication: Utusan Malaysia

Date of Publication: 7 Mac 2019

Page Number: 47

## Lee: Tourism sector employers should make safety training a priority

Publication: New Straits Times

Date of Publication : 7 Mac 2019

Page Number: 65

## NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

Publication: New Straits Times

Date of Publication : 7 Mac 2019

Page Number: 65

**KOTA TINGGI:** All employers in the tourism industry have been urged to provide security training and prepare a comprehensive emergency plan to safeguard their staff, tourists and members of the public in case of accidents at their premises.

National Institute of Occupational Safety and Health (NIOSH) chairman Tan Sri Lee Lam Thye said every worker in the tourism industry should receive adequate training so that he or she knows how to identify risks and handle them based on the "Hazard Identification, Risk Assessment, Risk Control" concept.

Workers need to consider safety and security as part of the occupational safety and health (OSH) management plan to ensure workers are prepared for any emergency," he said.

In the tourism industry, Lee said employers could help raise

the level of OSH in various ways, such as providing safe premises, activities and equipment, a good transport system and driving training to avoid accidents.

He stressed that training and education on the requirements in risk management should be contributed to safety and health at the workplace.

Under the Occupational Safety and Health Act 1994, the responsibility to safeguard OSH was shared by employer, employee and the government.

"In the OSH culture a practical, he said employers should implement an effective management system to prevent accidents, occupational diseases from happening at work."

Many employers are not aware

of the importance of safety and security in the tourism industry. There are also employers who are not willing to invest or spend on OSH," he said.

The seminar and dialogue was jointly organised by NIOSH and Southeast Johor Development Authority.

National Institute of Occupational Safety and Health chairman Tan Sri Lee Lam Thye (kneeling, centre) at an event to mark the launch of the state Occupational Safety and Health seminar and dialogue in Kota Tinggi recently. PIC BY NORUL AMINAH SOHANI

**LEE : TOURISM SECTOR EMPLOYERS SHOULD MAKE SAFETY TRAINING A PRIORITY**

Publication: New Straits Times

Date of Publication : 7 Mac 2019

Page Number: 65



## Maut hari pertama

Pemandu mati terkena bilah traktor pemotong jerami



ALIF Razman meninggal dunia di lokasi kejadian di kawasan sawah padi Kampung Sinaran Jaya, Kepala 20, Manggol Bongor, semalam. Gambar kecil, Alif Razman.

•

Saya menemui mereka dalam keadaan telentang, namun tidak berani menyentuhnya kerana bimbang melihat kecederaan di kepala dan badan”

Atli Che Ahmad

menghubungi mereka walaupun berbilik-kali tetapi tidak ejeroh.

Dalam kejadian kira-kira jam 11.30 pagi mangsa, Alif Razman Azhar, 21, meninggal dunia di tempat kejadian akibat jatuh.

Menurut Azli, arwan baru semalam mula bekerja dengan mengayam mengambil upah bersihkan kawasan sawah padi di Kawasan itu selepas padi habis ditanam.

Katanya, sebelum itu dia bertemu pada seorang lagi pemandu traktor kerana

‘Teringat abang sejak tiga hari lalu’

**Hari:** Sejak tiga hari lalu saya sering teringatkan abang walaupun kami sudah dua tahun tidak bertemu kerana membawa haluan masing-masing sejak ibu dan ayah meninggal dunia,” kata Emilia Shazwani Azhar, 16.

Malam sebelum adik ketiga Alif Razman Azhar, 21, yang meninggal dunia akibat terkena bilah pemotong jerami traktor yang dipandunya di Kampung Sinaran Jaya, Kepala 20 Manggol Bongor, dekat sini, semalam.

Menurutnya dia mengetahui kejadian yang memimpin abangnya itu selepas di-

cederaan di kepala dan berhenti dari tengah sawah dan meninggal dunia.

Malah dia menyangka arwan pulang ke rumah atau pergi membeli makanan namun tidak sedap sehingga pengi melihat dekat.

“Saya menemui mereka dalam keadaan telentang namun tidak berani menyentuhnya kerana bimbang melihat ke-

cederaan di kepala dan berhenti dari tengah sawah dan meninggal dunia jam 12 tengah hari.” katanya.

Sementara itu Ketua Polis Daerah Kubang Pasu, Mohd Salleh bin Hafiza, anggota Balai Polis Kodiana menerima maklumat jam 12.30 tengah

hari dari orang awam yang melihat seorang lelaki jatuh dari traktor dan meninggal dunia di tempat kejadian.

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am@metro.com.my

Jitra

**H**ari pertama beberapa seorang pemandu traktor bertukar tragedi bagi seorang lelaki apabila dia maut akibat terkena bilah pemotong jerami jentara itu di kawasan sawah padi Kampung Sinaran Jaya,

## DUA KEMATIAN SETIAP HARI BABIT PEKERJA

Publication: Harian Metro

Date of Publication: 4 Mac 2019

Page Number: 4

## Pekerja ladang maut terkena sabit kelapa sawit

**KUANTAN** — Seorang pekerja yang sedang mengait buah kelapa sawit maut akibat pendarahan teruk selepas sabit yang digunakan terjatuh lalu terkena betis kanannya semalam.

Ketua Polis Daerah Maran, Deputi Superintendant Norzamri Abd. Rahman berkata, kejadian berlaku pada 8.15 pagi semasa Abdul Razak Said, 47, berada di ladang Felda Jengka 4, Maran.

Katanya, mangsa yang ditemani anaknya, Muhammad Akif, 15, mendakwa, ayahnya tidak sedarkan diri selepas mengalami pendarahan teruk akibat ‘ditikam’ sabit itu.

“Muhammad Akif kemudian terus menaiki motosikal untuk mendapatkan bantuan daripada penduduk kampung berhampiran.



CONTOH sabit kelapa sawit yang menyebabkan kematian seorang pekerja di ladang Felda Jengka 4, Maran semalam.

“Dia dan penduduk kampung membawa bapanya ke Klinik Kesihatan Maran dengan menaiki kenderaan pacuan empat roda, namun dimaklumkan mangsa telah meninggal dunia,” katanya kepada pemberita di sini semalam. — Bernama

## PEKERJA LADANG MAUT TERKENA SABIT KELAPA SAWIT

Publication: Kosmo

Date of Publication: 10 Mac 2019

Page Number: 10

## HEALTH DEPT : STUDENT COULD NOT HAVE DIED OF HEATSTROKE

Publication: The Star

Date of Publication: 6 Mac 2019

Page Number: 6

THE STAR, WEDNESDAY 6 MARCH 2019

Pg 6

## Health dept: Student could not have died of heatstroke

**LABUAN:** The Labuan Health Department has denied that the recent death of a Form Four student during a sports event here was due to heatstroke as the temperature of that day was below 35°C.

Its director Dr Ismuni Bohari said the death of Norsahfiza Jaratin on Feb 17 was still being ascertained.

“The temperature on the island during the sports day was reported to be at 24°C to 31°C.

“The temperature was normal, and it was not possible to cause heatstroke,” he said in a statement here yesterday.

Postings and videos had gone viral on social media that the death of the SMK Ranch-Ranchà student was due to heatstroke in view of the current hot weather.

Norsahfiza, 16, was running in the 200m race when she collapsed about 20m from the finishing line.

The 8.40am incident had taken place at the Labuan Matriculation College sports field.

Civil defence personnel gave her emergency aid before she was sent to the Labuan Nucleus Hospital emergency and trauma unit at 9.20am.

“Despite the student’s critical condition, her body temperature was 37°C, which is normal human body temperature,” said Dr Ismuni.

He said Norsahfiza did not respond to emergency aid and resuscitation efforts, and she died at 9.45am the same day.

A post-mortem has been conducted and the results will be out soon.

“Our department is affirming that her death was not due to heatstroke as alleged.

“We hope there will be no more viral postings on the incident,” said Dr Ismuni. — Bernama



PEGAWAI JKJP menjalankan siasatan di lokasi kejadian pengimbal maut ditimpa tangki pelarut di Lahat, Johor.

## Maut ditimpa tangki pelarut

■ Pekerja kimpalan mati serta-merta

Muhammad Apendy Issahak  
apendy@NSTP.COM.MY

IPOH

**S**orang pengimbal maut ditimpa tangki pelarut ketika membuat kerja kimpalan tangki itu di kilang pembuatan bahan tekanan tidak berapi di Lahat di sini, petang kelmarin.

Pengarah Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP) Perak, Zamzurin Maafor berkata, kejadian jam 2 petang menyebabkan mangsa, Goh Weng Hoo, 57, maut serta-merta di lokasi.

"Mangsa ditimpa di bahagian lantai tangki atau bottom shell yang terjatuh daripada mesin pemutar ketika melakukan kerja kimpalan pembuatan tangki pelarut."

"Pasukan pegawai pe-

nyasat JKKP Perak menjalankan siasatan di tempat kejadian bagi mengenal pasti punca kemalangan itu," katanya dalam satu kenyataan di sini, semalam.

Zamzurin berkata, susulan siasatan, semua kerja membabitkan penggunaan pemutar dilihatkan serba-sertai.

“Mangsa gagal wujud prosedur kerja selamat termasuk dua notis larangan

dan Keshifat 1994 dikenal pasti,” katanya.

Mengulas lanjut, beliau berkata, pihaknya memandang serius soal kemalangan membabitkan pekerja mahupun orang awam kerana kejadian begitu boleh dielakkan jika majikan mengutamakan penaksiran dan kawalan risiko komprehensif.

“Ini termasuk mengikut kaedah yang ditetapkan dalam Galris Panduan bagi Pengelapsan Hazard, Penaksiran Risiko dan Kawalan Risiko (HIRARC). Semua majikan perlu mempertimbangkan agak diambil perundangan yang berlaku untuk mempertingkatkan tahap keselamatan dan kesihatan pekerjaan di tempat kerja bagi mengelakkan kejadian begini,” katanya.

**FAKTA**  
Majikan gagal wujud prosedur kerja selamat termasuk dua notis larangan

## MAUT DITIMPA TANGKI PELARUT

Publication: Harian Metro  
Date of Publication: 15 Mac 2019  
Page Number: 8

■ PERIKSA 24 TAPAK PROJEK  
Publication: Harian Metro  
Date of Publication: 21 Mac 2019  
Page Number: 7



## ANGGOTA BOMBA NYARIS MAUT TERKENA RENJATAN ELEKTRIK

Publication: Harian Metro  
Date of Publication: 23 Mac 2019  
Page Number: 2

## Anggota bomba nyaris maut kena renjatan elektrik

**Papar:** Seorang anggota bomba nyaris maut apabila terkena renjatan elektrik ketika memadamkan kebakaran rumah di Kampung Berundung, kelmarin.

Dalam kejadian jam 10.30 malam, anggota dari Balai Bomba dan Penyelamat (BBP) Papar, Nazri Rashid, 45, diberi rawatan sebelum dikeluarkan ke Hospital Papar untuk rawatan lanjut.

Difahamkan, anggota terbabit berada dalam keadaan stabil dan tidak mengalami kecederaan serius sebelum dibenarkan keluar.

Penyelia Pusat Gerakan Operasi Jabatan Bomba dan Penyelamat Malaysia (JBPBM) Sabah, Mohd Hashi Hajat berkata, pihaknya menerima panggilan jam 10.07 malam berhubung kejadian itu.

Katanya, tiada mangsa terbabit dalam kejadian itu tetapi seorang anggota terkena renjatan elektrik ketika melakukan kerja pemadam.

"Anggota bomba yang dalam keadaan sedar diberi rawatan awal dan diantar ke hospital dan disahkan stabil.

"Operasi ditamatkan sepenuhnya jam 11.32 malam," katanya.

## AMAL INTEGRITI DI TEMPAT KERJA

Publication: Utusan Malaysia  
Date of Publication: 27 Mac 2019  
Page Number: 20

## Amal integriti di tempat kerja

WU 20  
27/3/19

**KUALA LUMPUR 26 Mac** - Agen- si dan pengamal Keselama- tan dan Kesihatan Pekerjaan (KKP) perlu sentiasa menjaga integriti dan menjauhi rasuah kerana ianya boleh menyebabkan berlaku kemalangan yang tidak diingini di tempat kerja.

Pengerusi Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH), Tan Sri Lee Lam Thye berkata syarikat yang mengambil jalan pintas dan tidak mengikuti prosedur operasi standard (SOP) akan menghasilkan amalan tidak selamat manakala penyalahgunaan kuasa boleh mengakibatkan eksplorasi pekerja yang dipaksa bertugas dalam persekitaran kerja yang berbahaya,

kotor serta memenatkan.

"Terdapat banyak ruang kosong yang perlu ditambah baik oleh pihak majikan dalam aspek keselamatan dan kesih-



LEE LAM THYE

tan kerana perkara tersebut adalah tanggungjawab menjaga kebijakan kepada para pekerja mereka.

"Pihak majikan terutamanya syarikat media perlu mempunyai tanggungjawab untuk memastikan pem- berita yang ditu- gaskan dilengkapi

dengan penggunaan peralatan perlindungan peribadi (PPE) ketika membuat liputan terhadap sesuatu kejadian yang akan membawa risiko yang tinggi," katanya dalam sidang akhbar selepas majlis pra pelancaran Persidangan dan

Pameran Keselamatan dan Kesihatan Pekerjaan kali ke-22 (COSH 2019) di Pusat Konvensyen Kuala Lumpur di sini hari ini.

COSH 2019 bekerjasama dengan Kementerian Sumber Manusia dan melibatkan lebih 150,000 syarikat yang akan menyertai COSH 2019 pada 26 hingga 27 Ogos depan di Pusat Konvensyen Kuala Lumpur.

Lam Thye turut menyampaikan Sijil Sistem Pengurusan Kesihatan dan Keselamatan Pekerjaan (OHS MS) daripada NIOSH Certification Sdn. Bhd. kepada 11 syarikat dalam majlis tersebut.

Tambah Lam Thye, semua pihak tidak harus bertolak ansur dengan rasuah dan membiarkannya menjadi budaya dalam masyarakat terutama dalam kalangan agensi serta pengamal Keselamatan dan Kesihatan Pekerjaan (KKP).



## Periksa 24 tapak projek

■ Tinjau keberkesanan langkah pencegahan kontraktor dalam pastikan keselamatan pekerjaan

Nor Farhani Che Ad  
am@hmetro.com.my

**Sungai Petani**

Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP) Kedah membuat permenitan 24 tapak pembinaan dalam operasi Cegah Jatus dan Runut di sebuah kilang minyak sejak 4 Mac sehingga semalam.

Pengaruhnya, Hairozie Asri berkata, operasi membuat-

kan lima pegawai JKKP itu bagi memastikan tahap pematuhan Akta Kilang dan Jentera 1967 serta Akta Keselamatan dan Kesihatan Pekerjaan 1994.

“Ia juga membuat meninjau keberkesanan langkah pencegahan oleh pihak kontraktor yang terlibat atas pelbagai kesesuaian.”

Lebih lanjut itu, “93 aktiviti ter-

atau dua tapak pembinaan di sini serta sebagaimana akan dikenakan tindakan

pan atau pendakwaan, ka-

tanya selepas membuat pen-

meruntuna, sepanjang

kebanyakkan keselamatan

yang sering dilakukan

dalam sebahagian masing-

akad mengajukan pegawai

keselamatan dan kesihatan

sebagai penyelesaian direka-

kan seimbang di sana, kes-

kejadian berbahaya serta

kes kelamangan maut.

## Majikan juga perlu lindungi keselamatan pekerja

**SAUDARA PENGARANG,**

**SUSULAN** insiden pencemaran bahan kimia yang berlaku di Sungai Kim-Kim, Pasir Gudang, Johor baru-baru ini banyak sekolah yang berada berhampiran dengan kawasan yang terjejas telah ditutup buat sementara waktu.

Ini penting bagi melindungi keselamatan dan kesihatan pelajar serta pekerja di sekolah.

Selain sekolah semua pihak yang berada di kawasan berhampiran dengan kawasan terjejas juga perlu mengambil segala langkah bagi melindungi keselamatan dan kesihatan diri termasuk pekerja.

Pekerja yang bekerja berhampiran dengan kawasan terjejas perlu mengambil langkah sama bagi melindungi keselamatan dan kesihatan diri mereka.

Adalah menjadi tanggungjawab pihak majikan untuk memastikan pekerja mereka tidak terdedah dengan sebarang risiko yang boleh mengganggu tahap keselamatan dan kesihatan diri pekerja mereka.

Pihak majikan perlu memastikan keadaan persekitaran atau kualiti udara yang berada di tempat kerja berada dalam keadaan selamat untuk pekerja bekerja.

Sekiranya keadaan persekitaran atau kualiti udara di tempat kerja didapati tidak selamat, maka pihak majikan perlu mengambil sebarang



KAKITANGAN Jabatan Kesihatan Johor melakukan pemeriksaan terhadap pelajar Politeknik Ibrahim Sultan selepas mengadu sesak nafas, pening, muntah dan loya di Pasir Gudang, baru-baru ini. - GAMBAR HIASAN/UTUSAN

langkah sewajarnya bagi melindungi pekerja.

Antaranya dengan memberi cuti khas, penangguhan kerja buat sementara waktu atau pemindahan tempat kerja ke tempat yang lebih selamat.

Antara aspek yang boleh mempengaruhi kualiti udara dalam sesebuah tempat kerja adalah suhu, kelembapan relatif, kulat, bakteria, pengudaraan yang tidak baik atau sempurna, dan pendedahan kepada bahan kimia.

Kualiti udara yang tidak baik akan menyumbang kepada ketidakselesaan pekerja, memberi kesan negatif kepada kesihatan

pekerja, ketidakhadiran kerja serta menjejaskan produktiviti organisasi yang terlibat.

Isu yang melibatkan aspek keselamatan dan kesihatan di tempat kerja tidak boleh dipandang ringan oleh semua pihak terutamanya pihak majikan yang merupakan ketua di sesebuah di tempat kerja.

Ia hendaklah diberikan perhatian sewajarnya dan dipandang dengan serius bagi mengelak perkara yang tidak diundang daripada berlaku dalam kalangan pekerja.

**DR. MUZAFFAR SYAH  
MALLOW**  
Kuala Lumpur

### MAJIKAN JUGA PERLU LINDUNGI KESELAMATAN PEKERJA

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### WORKPLACE INTEGRITY CUTS GRAFT, ACCIDENTS

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## Workplace integrity cuts graft, accidents

**OCCUPATIONAL** safety and health (OSH) agencies and practitioners must uphold integrity and avoid corrupt practices that could lead to accidents and near-misses at the workplace. This can eliminate fraud that could result in occupational accidents.

That is why the National Institute of Occupational Safety and Health (NIOSH) will focus on integrity for its 22nd Conference and Exhibition on Occupational Safety and Health, which will be held at the Kuala Lumpur Convention Centre on Aug 26 and 27.

If people act with integrity, they will do the right thing even when no one is watching. Trust, ethics and honesty are key to integrity.

In the workplace, those who act with integrity will tell the truth, are accountable, transparent and reliable, and treat co-workers, stakeholders and customers with respect.

According to Business Ethics Institute of Malaysia, fraud elimination is a key aspect of sustainable safety management, especially in managing OSH, accidents or near-misses in the workplace.

Taking shortcuts and circumventing standard operating procedures will create unsafe practices, while abuse of power can result in the exploitation of workers to work in dangerous, dirty and demanding work environments. Conflict of interest and rewarding contracts to less-competent vendors can create safety hazards and expose workers to dangerous environment.

NIOSH signed the Corruption-Free Pledge with the Malaysian Anti-Corruption Commission last year. We should educate OSH practitioners to have integrity and loathe corruption in the same way they are taught to hate drugs.

**TAN SRI LEE LAM THYE**

Chairman, National Institute of Occupational Safety and Health

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