

FYI



May 2019 :

eISSN 2672-7412

Your OSH preferred partners

WAH

WORKING AT HEIGHT





May 2019 :

eISSN 2672-7412

Your OSH preferred partners

EDITOR'S NOTE

Failure to use fall protection or using it improperly there are can result in serious injury or death. In fact, falls are the leading cause of death in the construction industry. According to DOSH statistic, out of 140 construction fatalities in 2015, 72 (51.8%) were the result of falls to a lower level.

Here, industry practitioner discuss any technic, training and new products in the fall protection field, as well as how workers can avoid fall-related incidents. To help prevent fall incidents, regular training is a must. It is always a challenge to ensure that all workers who may face potential fall hazards are not only initially trained on how to use a product, but continually trained, so that they are prepared and comfortable in what actions to take in the event of a fall. So in this month FYi May 2019 to provide the information regarding to fall protection safety.

Enjoy the issue, and see you in June 2019!

Regards,
Ayop Salleh
EXECUTIVE DIRECTOR

PUBLISHER

▶ **NIOSH**

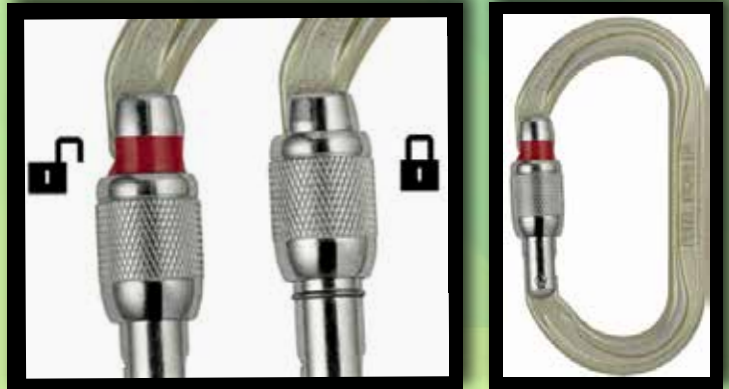
Work at Heights : What is 100% tie-off?

It is compulsory to have at least 1 fall arrest attachment while performing any tasks at heights on a structure. The attachment from the harness to the point of anchorage must be at an adequate strength to accommodate any fall.

The attachment at the harness must be at the point of dorsal D-Ring or sternal D-Ring which will only be considered as a fall arrest at the event of any fall. Any other attachment at the harness during working at heights shall not be deemed safe without the fall arrest attachment.

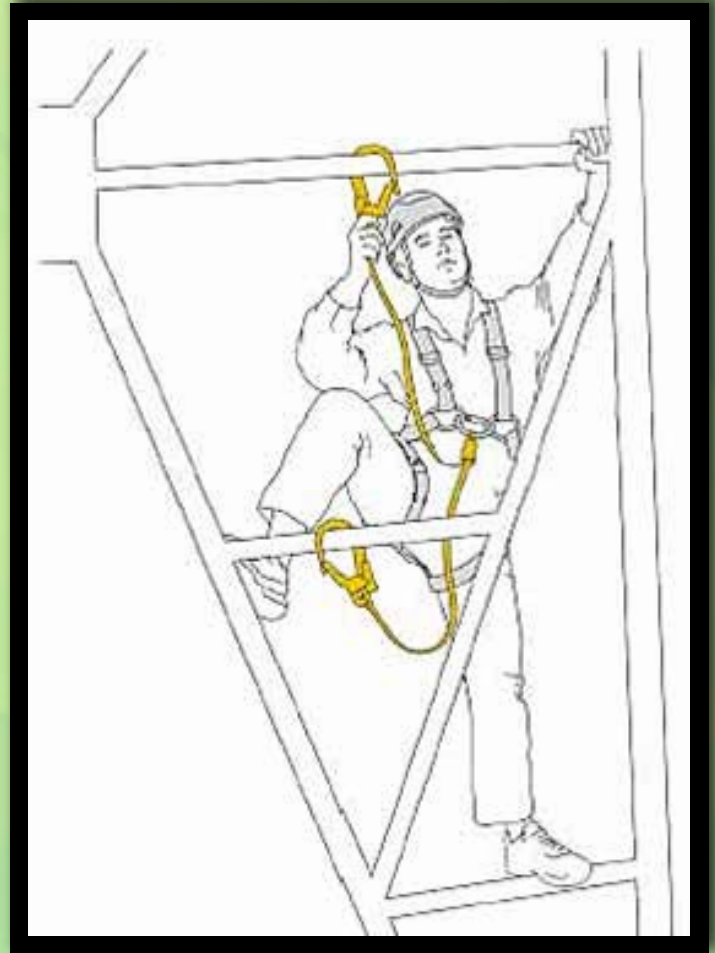


The connection from the fall arrest lanyard to the harness by means of a carabineers (connector) should it be a screw lock carabineer must be screwed down to the end at all times during manoeuvring or during work. This is to ensure that the connection would not be accidentally disengage at any event of fall

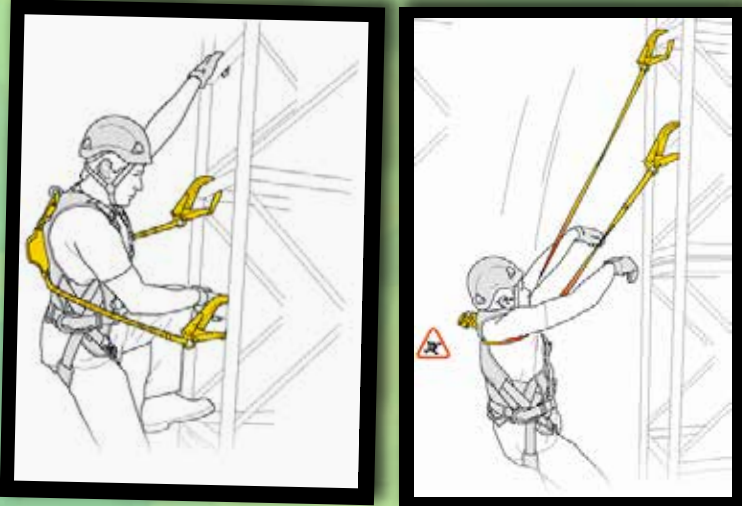


The connection from the fall arrest lanyard to the anchorage point must also be secured properly to ensure with no unfasten connection.

The most common equipment used to attach a harness to an anchorage point is a fall arrest lanyard. It is advised to use a double lanyard as it is more effective while manoeuvring and during work. It is also advised to use a fall arrest lanyard that is attached to an energy absorber. At any event of fall the energy absorber will reduce the impact of the fall by absorbing the force of fall.



The fall arrest lanyard, should it be connected to the dorsal D-ring, must be over the shoulder to avoid shoulder dislocation during fall.



During work, the fall arrest lanyard connection should be above the work position to reduce the length of fall and it is best to connect to 2 different anchorage points should be available.



During work, the fall arrest lanyard connection should be above the work position to reduce the length of fall and it is best to connect to 2 different anchorage points should be available.



The choice for points to anchor may differ according to places of heights at work. It is highly recommended that the strength of the points to be at 15kN as mentioned in the Guidelines for the Prevention of Falls at Workplaces (JKKP DP/G 127/379/4-35 : MARCH 2007),

9.2 Anchorages

“...Anchorages shall be capable of holding a minimum ultimate force of 15kN in all directions in which the anchor might be loaded in use....”

And in IRATA International code of practice for industrial rope access, Part 2 of 5: Detailed guidance

2.11.2 The anchor system (anchors and anchor lines)

2.11.2.6 To determine the minimum anchor strength recommendation, this code of practice uses a safety factor of 2.5. The maximum impact load on the user in the event of a fall should not exceed 6 kN; therefore, as a general rule, the static strength of anchors, with the exception of some deviation anchors, should be at least 15 kN.

As such, to achieve a 100% tie-off, there would be several factor to adhered to as below :

1. Attachment of fall arrest lanyard to harness
2. Attachment of fall arrest lanyard to points of anchorage
3. To use a fall arrest lanyard with energy absorber
4. To ensure connectors such carabineers, snap hooks are properly installed and locked
5. To ensure fall arrester lanyards are positioned on shoulder
6. The points of anchorage should be higher than the position of work
7. To install fall arrest system when in use of other systems such as work position system
8. Points of anchorage strength is advisably at 15kN



OSH HAZARD EVALUATION AND CONTROL TECHNOLOGY CENTRE (OSHECT)

FALL PROTECTION EQUIPMENT TESTING LABORATORY (FPETL)

WHAT SHOULD YOU KNOW?

Under the Eleventh Malaysia Plan (11th MP), NIOSH Malaysia was given the responsibility to develop a testing laboratory to be used to test and ensure fall protection equipment use by workers in Malaysia is accordance with relevant standards such as BS EN standard and MS standard. Hence, Fall Protection Equipment Testing Laboratory (FPETL) construction and renovation started on 3rd June 2017. To ensure competency of related NIOSH Malaysia personnel who will be operating the Fall Protection Equipment Testing Laboratory (FPETL), a training was conducted on 25 – 27 September 2017 in collaboration with Korea Occupational Safety & Health Agency (KOSHA) at their testing facilities in Ulsan, Republic of Korea. harness during working at heights shall not be deemed safe without the fall arrest attachment.

Currently, there are various types of fall protection equipment offered in Malaysia's market which are not being comprehensively controlled and monitored beforehand to the user. This has led to various perceptions among the users, especially on the marking and certification, quality and safety & health features of the fall protection equipment offered by different companies. This situation also makes it difficult for user to decide the appropriate fall protection equipment based on types, brands and standard compliance. Therefore, FPETL as one of the laboratory under OSHECT definitely can help you. FPETL aim to be a leading laboratory in fall protection equipment testing in this region with 'Safety Mark' and in process of obtaining ISO 17025 accreditation.

WHAT NIOSH OFFERS?

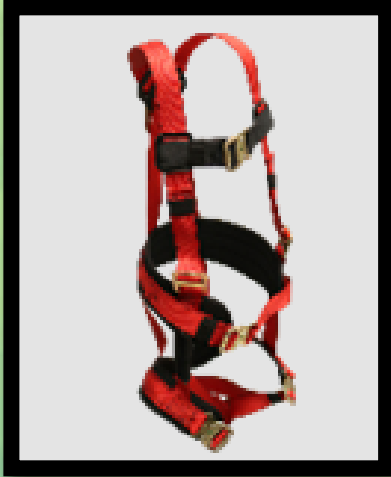
- 1) Testing and certification for fall protection equipment and component.
- 2) Ensure and verify all fall protection equipment and component at workplace comply with recognised standards.
- 3) Collaborate with other interested parties for research, training & module development, teaching laboratory & method development and advisory services.
- 4) Support NIOSH other core activities such as research and training.

WHAT TESTING STANDARDS PROVIDED?

INTERNATIONAL STANDARDS	MALAYSIAN STANDARDS
BS EN 365 : 2004 – Test method	MS 2314 : 2010 – Test method
BS EN 361 : 2002 – Full body harness	MS 2311 : 2010 – Full body harness
BS EN 362 : 2004 – Connectors	MS 2312 : 2010 – Connectors
BS EN 354 : 2010 – Lanyards	MS 2308 : 2010 – Lanyards
BS EN 355 : 2002 – Energy absorbers	MS 2309 : 2010 – Energy absorbers

TYPE OF COMPONENT FOR TESTING?

Full Body Harness



Full Body Harness



Energy Absorber



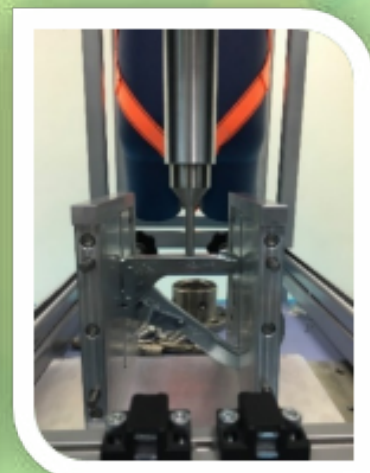
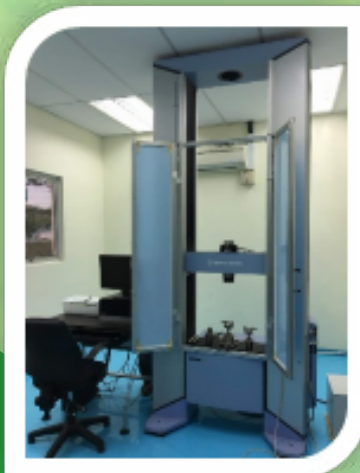
Lanyard



TYPE OF TESTING PROVIDED?

1. Static Strength Testing

- 1.1. Using Universal Testing Machine.
- 1.2. To test static strength of fall protection equipment and components.



2. Dynamic Performance Testing

- 2.1. Using test tower and force measurement equipment.
- 2.2. To test dynamic performance of fall protection equipment and components.



3. Climatic Testing

- 3.1. Using Climatic Chamber.
- 3.2. To put fall protection equipment and components under controlled condition such as heat, cold and humid before further testing.



For further information and assistance, please contact us our technical team (Mr. Hj. Mohd. Esa, Mr. Hairul Farique, Mr. Mohd Fadzli):



03-87692213



crd@niosh.com.my



013-2228155



www.niosh.com.my

PROGRAM SEMARAK RAMADAN NIOSH 2019

Sempena menyambut kedatangan bulan Ramadan 1440H, NIOSH Ibu Pejabat Bandar Baru Bangi, dengan kerjasama Kelab Kebajikan dan Sukan Institut (KCSI) dan PUSPANITA NIOSH telah menganjurkan Program Semarak Ramadan NIOSH 2019 bagi warga kerja NIOSH yang beragama Islam.

Pada sebelah pagi dimulakan dengan Majlis Khatam Quran yang turut disertai oleh Tuan Pengarah Eksekutif NIOSH iaitu Encik Ayop Salleh. Program ini dapat menyemarakkan rasa cinta

kepada Al-Quran dan mempertingkatkan ibadat di bulan Ramadan di samping dapat menjalinkan ukhuwah antara kakitangan NIOSH. Peserta bacaan Al-Quran telah memulakan bacaan masing-masing seawal 1 Ramadan 1440M sepanjang bulan Ramadan berlangsung program tadarus yang melibatkan kakitangan yang berkelapangan. Pada pagi 24 Mei 2019, majlis khatam Al-Quran diadakan di Dewan Cempaka, Menara NIOSH di mana pada tahun ini seramai 65 orang peserta Tadarus telah menyertai program ini.



dan pakaian turut diadakan bagi memeriahkan lagi suasana semasa majlis itu berlangsung.

Selesai ceramah agama pada pagi itu, Pertandingan karya Seni Khat diadakan bagi mencungkil bakat kakitangan. Beberapa kakitangan yang menyertai pertandingan seni khat dan hadiah diberikan kepada pemenang bagi pertandingan seni khat dan buat julung kalinya penampilan ahli kumpulan Nasyid NIOSH mempersembahkan nyanyian nasyid setelah selesai majlis sebelah pagi tersebut. Selain itu, NIOSH juga telah membuat sumbangan kepada anak-anak yatim serta waris kakitangan yang telah meninggal dunia. Turut diadakan pelancaran NIOSH Food Bank@Gerobok Rezeki. Semoga sumbangan ini dapat meringankan beban keluarga yang kehilangan ahli keluarga. Majlis berakhir pada sebelah petang dengan pengagihan bubur lambuk kepada para tetamu yang hadir. Semoga program yang dijalankan ini mendapat rahmat pada Bulan Ramadan Bulan yang penuh Keberkatan.

Pada pukul 10.30 pagi turut diadakan ceramah agama yang disampaikan oleh Dato' Ustaz Kazim Elias yang bertajuk "Kepimpinan Bertintegriti Tunjang Kecemerlangan" diadakan di Dewan Raflessia, Bangunan Menara NIOSH. Pihak KCSI juga menjemput daripada Pusat Zakat Selangor untuk menyediakan kaunter bayaran zakat. Kaunter pembayaran zakat turut dibuka pada hari tersebut bermula jam 3.00 pagi sehingga 4.30 petang bagi memudahkan warga kerja NIOSH menunaikan tanggungjawab masing-masing. Gerai-gerai jualan yang menjual pelbagai barangan makanan, minuman

Majlis Iftar Ramadan Bersama Pengamal Media



Pada 17 May 2019, NIOSH telah menganjurkan Majlis Iftar Ramadan bersama pengamal media, bertempat di Hotel Le Méridien Putrajaya. Majlis Iftar Ramadan tersebut menjemput kakitangan media yang terdiri daripada wartawan media masa tempatan bagi meraikan sumbangan mereka kepada perkembangan NIOSH.

Majlis tersebut dihadiri Pengerusi Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH) Tan Sri Lee Lam Thye, Pengarah Eksekutif NIOSH Encik Ayop Salleh serta beberapa kakitangan NIOSH.

Dalam ucapan Pengerusi NIOSH berkata adalah penting untuk memastikan keselamatan pengamal media terutama ketika menjalankan tugas di lapangan. Semua organisasi media perlu mempunyai pegawai keselamatan dan kesihatan pekerjaan untuk memberi pengetahuan dan membantu pengamal media mengenai isu itu. Insiden Sungai Kim Kim di Pasir Gudang Johor baru-baru ini telah membangkitkan kebimbangan apabila lima pengamal media dimasukkan ke hospital akibat terkesan dengan udara yang tercemar.

Pengerusi NIOSH menyeru semua majikan agar melengkapkan wartawan mereka dengan pengetahuan peralatan perlindungan peribadi sekiranya keadaan yang sama berulang kembali. NIOSH bersedia bekerjasama dengan mana-mana organisasi media jika ada keperluan dari segi latihan dan nasihat. NIOSH merancang untuk membangunkan modul keselamatan bagi pengamal media, selain menganjurkan lebih banyak seminar untuk mewujudkan kesedaran dalam kalangan mereka. NIOSH telah menganjurkan program keselamatan dan kesihatan untuk pengamal media sejak 2017.

Majlis Menandatangani Memorandum Persefahaman (MoU) di antara NIOSH Malaysia Dengan Pelabuhan Tanjung Pelepas Sdn Bhd

Majlis Menandatangani Persefahaman (MoU) di antara NIOSH dan Pelabuhan Tanjung Pelepas Sdn Bhd telah diadakan dengan jayanya pada 21 Mei 2019 bertempat di Pelabuhan Tanjung Pelepas (PTP), Gelang Patah, Johor Bahru, Johor.

MoU ini telah ditandatangani oleh Pengarah Eksekutif NIOSH, Encik Ayop Salleh dan pihak Pelabuhan Tanjung Pelepas Sdn Bhd yang diwakili oleh Chief Executive Officer Marco Neelsen. Pertukaran dokumen tersebut telah disaksikan oleh Pengerusi NIOSH, Tan Sri Datuk Seri Lee Lam Thye.

Institut Keselamatan dan Kesihatan Pekerjaan (NIOSH) dan Pelabuhan Tanjung Pelepas Sdn Bhd bersetuju untuk bekerjasama dalam melaksanakan program latihan Keselamatan dan Kesihatan Pekerjaan (KKP).



Wajibkan pemeriksaan bangunan kolej melebihi usia 10 tahun

Audit kediaman IPT

Oleh AZMAN IBRAHIM
pengarang@utusan.com.my

■ KUALA LUMPUR 30 APRIL

INSTITUT Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH) mencadangkan audit keselamatan tahunan diwajibkan untuk semua kolej kediaman di universiti awam dan swasta yang berusia lebih 10 tahun.

Pengerusinya, Tan Sri Lee Lam Thye berkata, pihak pengurusan universiti juga perlu melaksanakan sistem pengurusan keselamatan dan kesihatan pekerjaan yang efisien bagi mencegah kemalangan, kejadian berbahaya dan penyakit.

Beliau berkata, audit keselamatan secara berkala serta budaya penyelenggaraan amat penting bagi memastikan aspek keselamatan terjamin sepanjang masa.

"Kita tidak tahu tahap keselamatan di kolej-kolej kediaman seluruh negara kerana tiada kajian menyeluruh dibuat.

"Mungkin perlu dilaksanakan audit keselamatan di semua kolej kediaman ini agar dapat dinilai tahap keselamatan dan



LEE LAM THYE

segala kelemahan dapat diperbaiki," katanya ketika berucap pada Seminar Keselamatan dan Kesihatan Pekerjaan di Kolej Kediaman Universiti Malaysia Sabah (UMS), Kota Kinabalu, Sabah, hari ini.

Yang turut hadir Timbalan Naib Canselor Hal Ehwal Pelajar dan Alumni UMS, Prof. Dr. Ismail Ali dan Pengarah Pusat Keselamatan dan Kesihatan Pekerjaan UMS, Prof. Dr. Khamisah Awang Lukman.

Lam Thye menambah, beberapa kajian yang dijalankan di kolej-kolej kediaman sebelum ini menunjukkan pelbagai

kelemahan wujud termasuk ketiadaan Pelan Tindakan Kecemasan (ERP), pintu rintangan api serta alat pemadam api tidak mencukupi manakala tempat berkumpul serta papan tanda arah keluar juga tidak kelihatan.

"Ada juga kolej kediaman langsung tidak melaksanakan latihan kebakaran manakala tahap kesedaran keselamatan dan kesihatan pekerjaan masih rendah dalam kalangan penghuni yang terdiri daripada para mahasiswa," katanya.

Lam Thye memberitahu, kajian audit yang diterbitkan di dalam Jurnal Kesihatan Komuniti 2011 menunjukkan kepentingan melaksanakan kajian keselamatan dan kesihatan pekerjaan bagi memastikan pihak pengurusan melaksanakan segala peraturan berkaitan dan standard ditetapkan.

Katanya, adalah penting pihak universiti dan kolej kediaman mereka melaksanakan sistem pengurusan keselamatan dan kesihatan pekerjaan yang baik bagi memastikan premis masing-masing berada dalam keadaan baik berdasarkan standard yang tinggi.

NIOSH bangun modul keselamatan, kesihatan pekerjaan pengamal media

Bagi mewujudkan keselamatan, kesihatan dan kesejahteraan pekerja (KSK) dalam kalangan pengamal media, Institut Keselamatan dan Kesihatan Pekerjaan Negara (NIOSH) sedang membangunkan modul latihan khusus untuk membantu mereka membuat persiapan terhadap liputan berisiko.

NIOSH juga bertapak dengan rancangannya untuk membangunkan modul latihan untuk membekalkan pengetahuan kepada pengamal media tentang keselamatan dan kesihatan pekerjaan yang berisiko di lapangan. Sebagai inisiatif yang membolehkan pengamal media KSK NIOSH akan terus membantu organisasi media meningkatkan keselamatan dan kesihatan mereka.

Pihak pengurusan organisasi media perlu memberi keutamaan dalam aspek KKP dan memastikan kakitangan diberi latihan mencukupi serta dibekalkan peralatan perlindungan diri (PPE) apabila membuat liputan berisiko.

Perwakilan pengamal media dari seluruh negara akan menghadiri seminar KKP yang diadakan di Kuala Lumpur pada 25 Mei 2019. Ia adalah sebahagian utama temasya KKP di mana ahli-ahlinya akan berinteraksi dengan pakar-pakar keselamatan dan kesihatan pekerjaan. Program ini akan memberi peluang kepada pengamal media untuk bertukar pengalaman dan pengetahuan mereka mengenai keselamatan dan kesihatan pekerjaan.

Perwakilan media dari seluruh negara akan menghadiri seminar KKP yang diadakan di Kuala Lumpur pada 25 Mei 2019. Ia adalah sebahagian utama temasya KKP di mana ahli-ahlinya akan berinteraksi dengan pakar-pakar keselamatan dan kesihatan pekerjaan. Program ini akan memberi peluang kepada pengamal media untuk bertukar pengalaman dan pengetahuan mereka mengenai keselamatan dan kesihatan pekerjaan.

ahatan baharu berkaitan dengan keselamatan, kesihatan dan kesejahteraan pekerja (KSK) dan penyakit mental seperti keletihan.

Tingkah aspek KKP terhadap cabaran baharu. Oleh itu, organisasi media dan pejabat mereka tidak mempunyai pilihan, selain memajukan aspek KKP untuk memastikan keselamatan baharu ini. Mereka juga harus mengutamakan teknologi baharu dan peralatan yang boleh melindungi mereka daripada bahaya. Ini termasuklah alat pelindungan diri (PPE) yang boleh melindungi mereka daripada bahaya. Ini termasuklah alat pelindungan diri (PPE) yang boleh melindungi mereka daripada bahaya.

Mentoring Malaysia sedang aktif merajai projek perindustrian yang lebih baik apabila pengamal media yang bekerja di kawasan berisiko seperti tanah runtuh, kebakaran dan banjir.

Perwakilan media dari seluruh negara akan menghadiri seminar KKP yang diadakan di Kuala Lumpur pada 25 Mei 2019. Ia adalah sebahagian utama temasya KKP di mana ahli-ahlinya akan berinteraksi dengan pakar-pakar keselamatan dan kesihatan pekerjaan. Program ini akan memberi peluang kepada pengamal media untuk bertukar pengalaman dan pengetahuan mereka mengenai keselamatan dan kesihatan pekerjaan.

Perwakilan media dari seluruh negara akan menghadiri seminar KKP yang diadakan di Kuala Lumpur pada 25 Mei 2019. Ia adalah sebahagian utama temasya KKP di mana ahli-ahlinya akan berinteraksi dengan pakar-pakar keselamatan dan kesihatan pekerjaan. Program ini akan memberi peluang kepada pengamal media untuk bertukar pengalaman dan pengetahuan mereka mengenai keselamatan dan kesihatan pekerjaan.

AUDIT KEDIAMAN IPT

Publication: Utusan Malaysia
Date of Publication: 1 May 2019
Page Number: 45

NIOSH BANGUN MODUL KESELAMATAN, KESIHATAN PEKERJAAN PENGAMAL MEDIA

Publication: Berita Harian
Date of Publication: 25 May 2019
Page Number: 78

Struktur konkrit tidak kukuh punca runtuhannya?

KUALA LUMPUR 23 Mei - Runtuh bangunan bertingkat Terminal Bersepadu Gombak, Taman Melati di sini yang meragut nyawa pasangan suami isteri warga Indonesia dan mengakibatkan seorang warga Bangladesh terpaksa dipotong tangan dipercayai berpunca daripada struktur konkrit yang tidak kukuh.

Runtuh bangunan yang sedang dalam pembinaan itu melibatkan laluan ke tempat meletak kenderaan terminal tersebut yang terletak berhampiran Stesen Transit Aliran Ringan (LRT) Putra, Gombak.

Pengarah Jabatan Bomba dan Penyelamat (JBPM) Kuala Lumpur, Nordin Puzat berkata, pihaknya percaya kejadian berlaku mungkin disebabkan struktur bangunan lemah namun perkara itu masih dalam siasatan.

Memutusnya, pasangan suami isteri yang maut dalam insiden itu dipercayai berada di tingkat tiga laluan ke tempat letak kenderaan itu namun kedua-duanya dipercayai terjatuh sebelum tertimbus semasa runtuhannya.

"Kedua-dua mangsa dihempas struktur ringan namun tertimbus bersama kejadian di tapak pembinaan tersebut.

"Dua lagi pasangan suami isteri yang cedera ringan serta lelaki warga Bangladesh yang dipotong tangannya di hospital berada di rumah kongsi di tingkat bawah semasa kejadian," katanya kepada pemberita di sini hari ini.

Sementara itu, Ketua Polis Daerah Gombak, Aislinn Komisisioner Samson Maarof berkata, tapak pembinaan tersebut akan ditutup buat sementara waktu bagi tujuan siasatan.

Ujar beliau, pihaknya sudah bertapak dengan pegawai keselamatan tapak tersebut bagi membincangkan perkara berkenaan.

"Pada asalnya, kita tidak menyedari kehilangan dua pekerja tapak ini selain pihak pematu juga tidak mengetahui jumlah sebenar yang menetap di sini," katanya.

Terbaharu, dua warga Indonesia cedera manakala seorang lelaki warga Bangladesh terpaksa dipotong tangannya di hospital akibat terjatuh dalam kejadian kira-kira pukul 1.10 pagi itu.

Lelaki warga Bangladesh bergegas dibawa ke hospital pada pukul 7 pagi selepas tangannya dipotong namun kira-kira dua jam kemudian, pihak bomba menerima maklumat terdapat dua lagi mangsa dipercayai terperangkap.



ANGGOTA bomba dan penyelamat serta polis mengumpul mayat seorang mangsa dalam kejadian runtuhannya bertingkat Terminal Bersepadu Gombak, Taman Melati, Kuala Lumpur, semalam. - UTUSAN/AMIR KHALID

STRUKTUR KONKRIT TIDAK KUKUH PUNCA RUNTUHAN

Publication: Utusan Malaysia
Date of Publication: 24 May 2019
Page Number: 14

OCCUPATIONAL SAFETY AND HEALTH

Technology improves workplace safety

EVERYONE must be committed to improving occupational safety and health (OSH), which is a fundamental human right.

The Social Security Organisation statistics show that the number of occupational accidents had increased by five per cent to 69,980 cases in 2017 compared with 66,618 the previous year. A total of 924 deaths were reported in 2017, with 257 of them industrial accidents and 667 commuting accidents.

Industrial accidents had increased by 3.84 per cent to 36,661 cases last year compared with 35,304 in 2016. Within five years (from 2013 to 2016), industrial accidents had increased by 2.12 per cent.

The Department of Occupational Safety and Health records show that accident rates at workplace per 1,000 workers had increased to 2.93 in 2017 compared with 2.58 in 2016 and 2.51 in 2015. In 2006, the rate was 4.77 accidents per 1,000 workers.

One of the sectors that we must focus on is the construction industry since the Master Builders Association Malaysia (MBAM) revealed that the industry recorded 12 fatalities every two days and the rate seems to be increasing.

MBAM statistics show that the rate of fatalities in the construction industry per 100,000 workers has been increasing at an alarming rate. In 2014, the fatality rate was 7.26 per 100,000 workers, in 2015 (6.74), in 2016 (12.78) and in 2017 (4.94).

The Construction Industry Development Board has projected the local construction sector to grow this year despite uncertainties concerning mega infrastructure projects, intense competition and potential consolidation. Under the Occupational Safety and Health Act (OSH) 1994, it is the duty of every employer and self-employed person to ensure the safety, health and well-being of employees.

It was reported that OSHA 1994 will be amended to enable construction site owners and architects to be held responsible for incidents at their sites. Now, only contractors are held responsible for accidents at construction sites.

Employers and contractors who fail to provide a safe and healthy working environment for employees can be charged under Section 15 of OSHA 1994, which carries a maximum sentence of a RM50,000 fine, or two years' jail, or both.

It is the responsibility of employers to provide training and personal protective equipment. Developers and construction companies must use technology such as drones to monitor construction sites. At the 21st Conference and Exhibition on Occupational Safety and Health 2018, organised by NIOSH last year, participants learnt how the latest technology could protect employees more effectively.

Wireless technology, combined with software and gadgets such as drone and remote sensing gear, enables safety managers to monitor each worker and machine apart from assessing the real-time condition on the ground via their laptop or smartphone. Developed countries use unmanned aerial vehicles to check accident sites and laser scanners for investigations that require three-dimensional reconstruction of workplace accidents.

Large companies like Petronas are using the latest technology and comprehensive data to improve occupational safety and health and preserve the environment.

TECHNOLOGY IMPROVES WORKPLACE SAFETY

Publication: New Straits Times
Date of Publication: 5 May 2019
Page Number: 50

Lelaki maut terjatuh ketika selenggara dandang stim

LUMUT - Seorang lelaki maut ketika dipercayai tergelincir ketika melakukan kerja-kerja penyelenggaraan di sebuah bilik kelipai elektrik di Pantai Remis di sini kelmarin.

Pengarah Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP) Perak, Ir. Zamzurin Maruf berkata, dalam kejadian pada pukul 1030 pagi itu, mangsa, V. Ruchindran, 28, sedang menjalankan kerja-kerja penyelenggaraan pada bahagian luar dandang di dalam stesen.

"Mangsa ketika kejadian sedang berdiri di atas paip stesen untuk menjalankan

hubung kait tersebut.

"Susulan daripada siasatan yang dijalankan, JKKP Perak telah mengeluarkan satu nota larangan enam lima nota pertukaran kepada majikan melibatkan kaedah pemasangan prosedur kerja selamat dan sistem permit bekerja untuk kerja-kerja di tempat tinggi."

"Selain itu, majikan juga diminta bagi mengemas kini prosedur Risiko dan mengekalkan latihan untuk kerja di tempat tinggi," katanya.

Memeritanya, tindakan seramandam akan diambil ke atas pihak yang bertanggung

jawab sekiranya disapati terdapat pelanggaran di bawah peruntukan Akta Keselamatan dan Kesihatan Pekerjaan 1994.

Dalam pada itu, Zamzurin berkata, sehingga semalam terdapat enam kes maut melibatkan pekerja terjatuh dari tempat tinggi tahun ini.

"Justeru, diharap semua majikan memastikan semua aktiviti kerja di tempat tinggi melibatkan Garis Pantauan Penyelenggaraan di Tempat Kerja yang dikeluarkan oleh JKKP pada tahun 2007 bagi mengelakkan kejadian tidak diingini," katanya.



PASUKAN penyelenggaraan JKKP memeriksa dandang stim Ismail Navindran terjatuh sebelum maut ketika melakukan kerja-kerja penyelenggaraan di sebuah bilik kelipai awam di Lumut semalam.

Audit berjadual bantu kekal keselamatan sepanjang masa

Kota Kinabalu: Audit keselamatan berjadual dan budaya penyelenggaraan baik penting bagi membantu mengekalkan keselamatan sepanjang masa termasuk di institusi pengajian tinggi (IPT) dan kolej kediaman.

Pengerusi Institut Keselamatan Kesihatan Pekerjaan Negara (NIOSH), Tan Sri Lee Lam Thye, berkata kedua-dua aspek itu dapat membantu menghalang kemalangan dan penyakit, khususnya premis lama seperti kediaman pelajar Universiti Malaysia (UM), Universiti Kebangsaan Malaysia (UKM) dan Universiti Sains Malaysia (USM).

Katanya, bagi premis berumur lebih 10 tahun, audit wajib dijalankan setiap tahun bagi menilai tahap keselamatan premis tersebut.

"Ada keperluan untuk menjalankan audit keselamatan di semua bangunan kolej kediaman bagi menilai tahap keselamatannya supaya semua kelemahan dapat diperbaiki.

Tiada pelan tindakan kecemasan

"Berdasarkan kajian sebelum ini, pelbagai kelemahan ditemui di beberapa kolej kediaman, termasuk kurang atau tiada Pelan Tindakan Kecemasan (ERP), pintu kalis api, pemadam api berkeadaan baik, kawasan berkumpul dan papan tanda keluar selain latihan kebakaran," katanya.

Beliau berkata demikian dalam ucapan Seminar Keselamatan dan Kesihatan Pekerjaan (OSH) untuk kolej kediaman Universiti Malaysia Sabah (UMS), di sini, semalam.

Yang turut hadir ialah Timbalan Naib Canselor (Hal Ehwal Pelajar dan Alumni) UMS, Prof Dr Ismaili Ali dan Pengarah Pusat OSH UMS, Prof Dr Khamisah Awang Lukman.

Lam Thye berkata, Akta OSH yang diwujudkan pada 1994 mewajibkan OSH yang baik dan NIOSH mahu ia turut membabitkan sekolah dan universiti.

"Ta penting kepada pelajar untuk menjadi sebahagian daripada mata dan telinga berkaitan aspek keselamatan bangunan.

"Mereka mungkin tahu mengenai aspek ini jika dilengkap dan disediakan melalui pengetahuan seperti dalam forum hari ini," katanya.



Ada keperluan untuk menjalankan audit keselamatan di semua bangunan kolej kediaman bagi menilai tahap keselamatannya supaya semua kelemahan dapat diperbaiki"

Lee Lam Thye, Pengerusi NIOSH

AUDIT BERJADUAL BANTU KEKAL KESELAMATAN SEPANJANG MASA
 Publication: Berita Harian
 Date of Publication: 1 May 2019
 Page Number: 19

LELAKI MAUT TERJATUH KETIKA SELENGGARA DANDANG STIM

Publication: Kosmo
 Date of Publication: 11 May 2019
 Page Number: 15

Dua lagi mangsa tidak sedarkan diri ketika bertugas dalam saluran paip gas Pekerja maut hidu gas beracun

Oleh MUHAMMAD TARMIZI MOHD NOR

POH - Seorang pekerja penyelenggaraan maut, manakala dua lagi rakan sekerja tidak sedarkan diri selepas melakukan kerja-kerja di dalam saluran paip gas bertamparan sebuah stesen minyak di Jalan Ipoh-Lumut di sini malam kelmarin.

Dalam kejadian pada pukul 230 malam itu, mangsa berusia 27 tahun dibaham, meninggal dunia di tempat kejadian, manakala dua lagi rakannya masih-masih sedang dirawat di Hospital Raja Permaisuri Bainun (HHPB) untuk rawatan lanjut.

Ketika melakukan kerja-kerja tersebut, ketiga-tiga mereka lemas selepas berhadapan dengan gas beracun yang masih belum dikenal pasti sebelum tidak sedarkan diri.

"Salah seorang daripada mereka dibaham meninggal dunia, manakala dua lagi dibawa ke HHPB untuk rawatan lanjut," katanya ketika dihubungi Astro Awam.

Tambah Mohd Ali, pemantauan di lokasi kejadian mendapati tiada unsur-unsur pengalihan ditemui.

"Mayat mangsa turut dibawa ke HHPB untuk proses belah abiot."



ANGGOTA bomba melihat mayat mangsa yang maut setelah terhidu gas beracun semasa melakukan kerja-kerja penyelenggaraan saluran paip gas di sebuah stesen minyak di Jalan Ipoh-Lumut, Ipoh kelmarin.

PEKERJA MAUT HIDU GAS BERACUN

Publication: Kosmo
 Date of Publication: 27 May 2019
 Page Number: 12

Chemical companies must self-regulate, prioritise safety

RECENT chemical-related incidents have brought to the fore the subject of 'responsible care' for the chemical industry. It has also brought more public attention and scrutiny to the industry.

The Chemical Industries Council of Malaysia (CICM) should be congratulated for organising its Annual CICM Responsible Care Awards (RCA) to recognise companies and individuals that have contributed to achieving RSC. Excellence in the industry. CICM has organised RCA for 15 years.

The chemical industry was a major contributor of manufactured exports at 6.9 per cent last year. It comprises sub-sectors such as petrochemicals, electrochemicals, basic industrial chemicals, fertilisers, pesticides, organic chemicals, industrial gases, as well as chemical traders, distributors and service providers.

More than 90 per cent of com-

panies in the industry are small- and medium-sized enterprises, while the remaining are multinational companies and large chemical companies.

The industry plays a vital role as supplier of raw materials and contributes to the manufacturing of finished goods (electrical and electronic products, plastic products, building materials and pharmaceuticals) and other economic sectors such as agriculture and construction.

Approved investments in chemical and chemical products, as well as petrochemical products, including petrochemicals, amounted to RM20.8 billion and RM329 billion in 2017 and last year respectively.

While chemicals are important in our daily lives, safe and responsible use, handling and disposal are important and will go a long way in ensuring a safer and cleaner environment for the public and

employees to work and live in. Malaysia is rapidly developing but unfortunately the increase in industrial and agricultural activities has contributed to environmental problems, especially pollution, due to hazardous chemicals and heavy metals.

Forming a Toxic Waste Management and Scheduled Waste National Committee is timely and must be supported by all parties as it can tackle indiscriminate disposal of hazardous waste.

I believe the committee is the highest authority that can make decisions on how to better manage toxic waste so that incidents like Sungai Kim Kim would not recur.

There is a need to reflect on the fact that humans have destroyed most of nature's diversity, which is needed for the stability of the Earth.

Sadly, reflection seems to be

lacking. Humanity has reached the strange position where, although people across the Earth are crying out to protect the environment, it is impossible to achieve it if the root problem is not addressed.

As trustees of our planet's resources and geological diversity, we must use our natural resources in a manner that ensures conservation. We are compelled to temper our actions with moderation and balance.

With the advent of 'green corporate culture', businesses must be more conscious of environmental issues. Companies must realise there is more to gain by preserving the environment.

Chemical companies, as the key actors in the chemical value chain, must self-regulate and ensure workplace safety and health of employees and the public.

Globally, the Responsible Care Initiative was introduced by the

chemical industry, which has been adopted by Malaysia since 1994, with CICM as its sole custodian. Under the initiative, chemical companies pledge their commitment to the Guiding Principles and implement the Codes of Management Practices, which go beyond legislative and regulatory compliance.

Responsible Care is an ethic and commitment by the chemical industry that builds confidence and trust in the global chemical industry.

A good safety track record will not only ensure the licenses can operate, but will also contribute to the productivity of businesses, thus making the chemical industry more responsible and sustainable.

TAN SRI LEE LAM THYE
 Chairman, National Institute of Occupational Safety and Health

CHEMICAL COMPANIES MUST SELF-REGULATE, PRIORITISE SAFETY

Publication: New Straits Times
 Date of Publication: 11 May 2019
 Page Number: 44

Disclaimer

Copyright 2019, National Institute of Occupational Safety and Health Malaysia. All right reserved. No part of this publication can be reproduced, stored in retrieval system, or transcribed in any forms or by any means, electronic, photocopying, or otherwise, without the prior written permission of the copyright owner

