

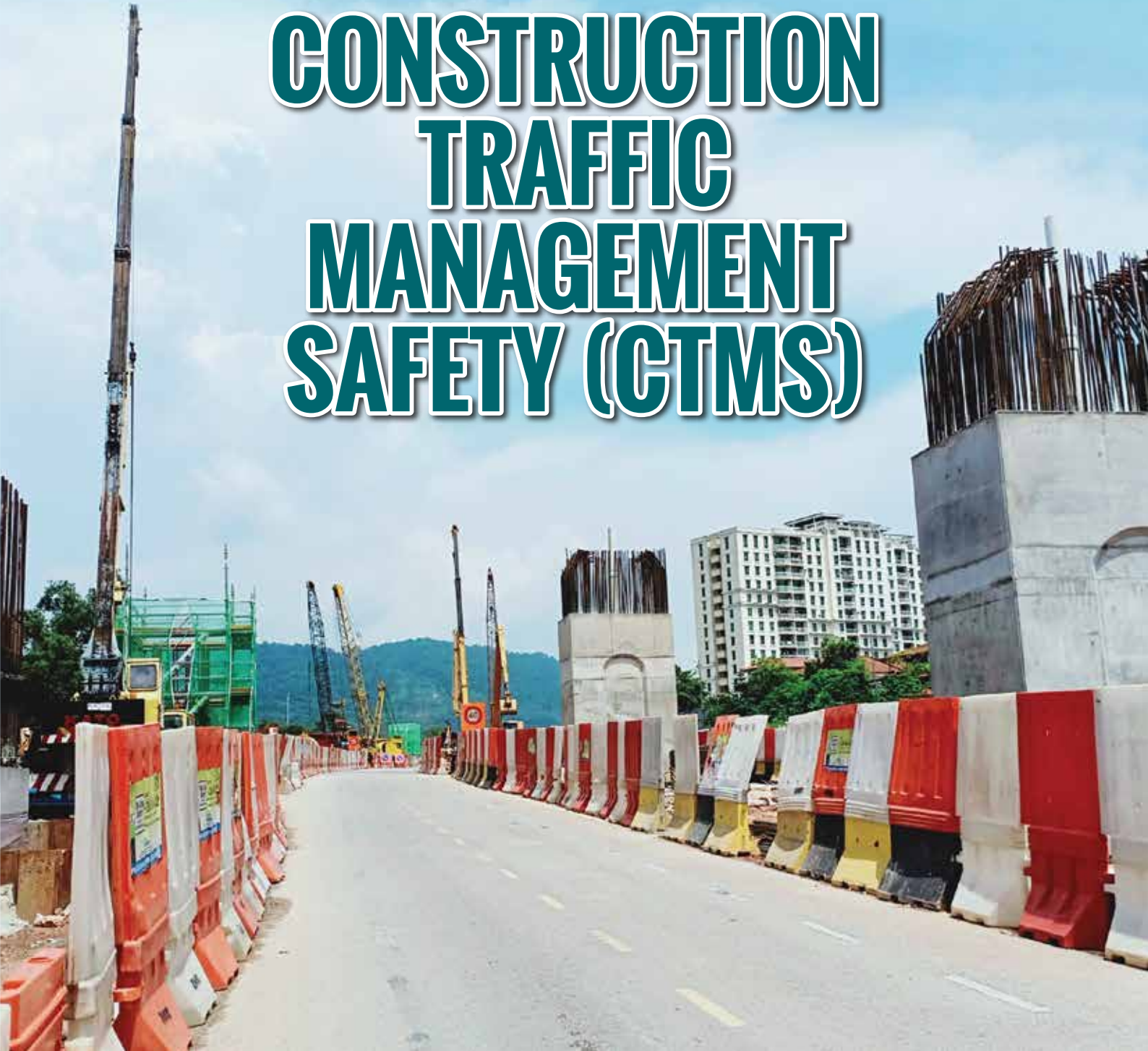
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# CONSTRUCTION TRAFFIC MANAGEMENT SAFETY (CTMS)



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By  
**Major Abd Razak Majid (Retired)**  
Top Point Binary Consultant  
Email: 9w6ato@gmail.com

## INTRODUCTION

As required under Factories and Machinery (Building Operations and Works of Engineering Construction) (Safety) Regulations 1986, sub regulation 18. Public Vehicular Traffic, (1) whenever any work is being performed over, on or in close proximity to a highway or any other place where public vehicular traffic may cause danger to men at work, the working area shall be so barricaded and suitable warning signs and warning lights shall be set up to direct traffic away from it, and when necessary, the traffic shall be specially controlled by designated persons.

Further to that, under the Occupational Safety and Health Act 1994 (Act 514), Part IV - General Duties of Employers and Self-employed Persons, are relevant to ensure the need for traffic management safety at work zones.

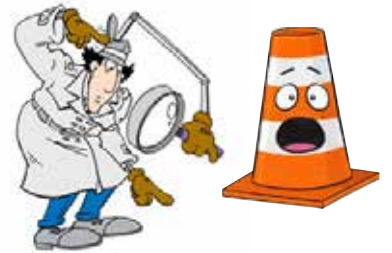




## Manual on Traffic Control Devices

The purpose of the new manual Arahan Teknik (Jalan) 2C/85 (Pindaan 2016), hereinafter called ATJ 2C/85 (Pindaan 2017) Manual on Traffic Control Devices: Temporary Signs and Work Zones Control is to establish uniformity in the design and application of all traffic signage and control devices in Malaysia for the benefit of road users, road and traffic authorities and manufacturers of traffic signs.

This manual supersedes and forms part of the revised version of JKR/J(Rb) 0001/80, Manual On Traffic Control Devices – Traffic Signs. This document has also been arranged to comply with the current Road Transport Act and Road Transport Rules, wherever applicable. This manual will be reviewed and updated from time to time to cater for the changes on policies and current requirements. In this respect any comments and feedback regarding this manual should be forwarded to Bahagian Pembangunan Inovasi & Standard, Pakar Kejuruteraan Jalan & Jambatan, Cawangan Jalan.



## Challenges and Public Safety

Handling traffic in work zones is challenging because the work activities present abnormal and often disruptive environment to public traffic/motorists and other parties. Motorists accustomed to a clear, unobstructed roadway are required to recognize and avoid closed lane, workers in or near the roadway and a variety of fixed object hazards. Pedestrians expecting a clear, direct walking path can be faced with closed sidewalks and open trenches closer to the moving traffic.

The construction activities may also present a distracting view to many motorists that can divert their attention from the driving task. Work zones are often dynamics and the layout of the traffic control is changed as the works progress. As such, the motorists and the pedestrians are constantly being confronted with new challenges and disruptive elements on their travel path. There are many instances where this has led to a serious incidents/accidents and some including fatalities.



Another reference for projects under Lembaga Lebuhraya Malaysia (LLM) related to traffic management, the above guideline “LLM/GP/T6-08 : Garis Panduan Pelaksanaan Pengurusan Trafik, Edisi Pertama, 2008”, are also referred to address the construction traffic management.. This guideline are also reviewed and updated from time to time and may browse thru <http://www.llm.gov.my/>, for any further information.





# Effectiveness Of Occupational Safety And Health Management System (OSHMS) Among Certified Organisation

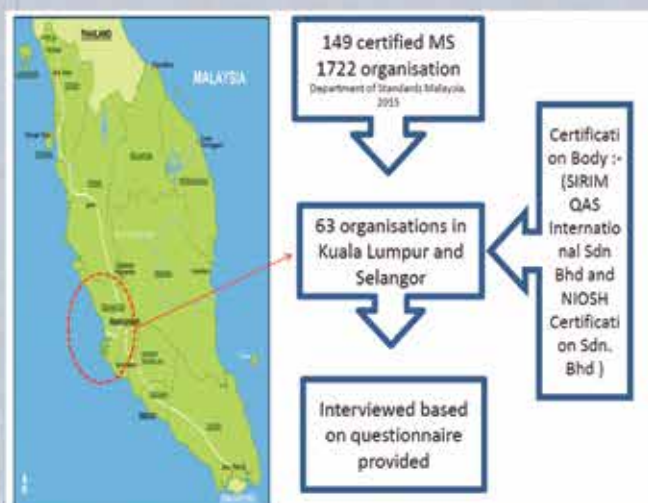
Rosliza Osman<sup>1</sup>, Noorhasimah Awang<sup>1</sup>, Murni Ilani<sup>1</sup>, Kadir Ariffin<sup>2</sup>  
<sup>1</sup>. Consultation, Research and Development Department, NIOSH Malaysia  
<sup>2</sup> Universiti Kebangsaan Malaysia

## INTRODUCTION

Many industries are facing challenges not only in terms of its economic competitiveness, but on the other hand the emergence of a new and challenging safety and health issues at workplace.

As a measure of employers to ensure safety and health at work, Occupational Safety and Health Management System (OSHMS) have been implemented.

## METHODOLOGY



## DISCUSSIONS

Most of the companies agreed MS 1722 and OHSAS 18001 has similar objectives which is to manage safety, health and well beings of every persons at workplace as well as to encourage workplace safety culture and therefore, integrating both of the OSH management system is the best choice to the organization.

Study had revealed that key benefits that may be obtained from the implementation of OSHMS is OSH document would be more systematic, improve communication, improve organization's customer satisfaction; improve employee's understanding, awareness and skills on OSH; as well as increase organization's image and reputation.

## CONCLUSION

An OSHMS effectiveness is a condition of success or failure of safety performance. An effective OSHMS should include high senior management and employee's commitment and involvement in OSH issues especially in managing OSH risks. The implementation of OSHMS does benefit both the organization as well as the employees.



**Contact:**  
 Rosliza bt Osman  
 Occupational Safety and Health Management Division,  
 Consultation, Research and Development Department,  
 NIOSH Bandar Baru Bangi, Selangor  
 Tel No : 03 -8769 2227  
 E-mail : rosliza@niosh.com.my

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## OBJECTIVES

- To identify the trend of Occupational Safety and Health (OSH) Management System Implementation
- To determine the benefits of Occupational Safety and Health (OSH) Management System certification.

## RESULTS

No	Percentage	Rating
1	73.6 % -100 %	Good
2	46.8 % - 73.5 %	Moderate
3	0 % - 46.7 %	Poor

(Ashari & Mahmood, 2013)

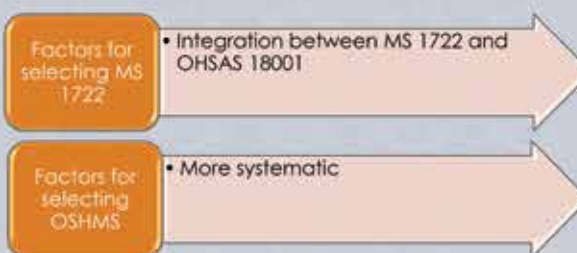


Figure 1 Trends of OSHMS Implementation

Factor	Percentage	Rating
Document	83.7	Good
Communication	80.8	Good
Customer Satisfaction	80.1	Good
Employee's Understanding	78.7	Good
Image	78.3	Good
Legislative	78.3	Good
Profit	73.1	Moderate
Accident	69.4	Moderate
Commitment	66.7	Moderate
Mean	76.6	Good

Table 1 Benefits of Implementing OSHMS

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## ACKNOWLEDGEMENT

This research has been funded by National Institute of Occupational Safety and Health (NIOASH).



## SEMINAR PENGURUSAN KESELAMATAN DAN KESIHATAN PEKERJAAN DI SEKOLAH PERINGKAT NEGERI MELAKA

Pada 19 Julai 2018, Seminar Pengurusan Keselamatan dan Kesihatan Pekerjaan di Sekolah Peringkat Negeri Melaka anjuran NIOSH dengan kerjasama Kementerian Pendidikan Malaysia (KPM) telah berlangsung di SMK Ghafar Baba, Masjid Tanah, Melaka. Encik Shaari bin Osman, Pengarah Bahagian Pengurusan Sekolah Harian Negeri Melaka telah merasmikan majlis tersebut. Turut hadir dalam majlis tersebut setiausaha Eksekutif NIOSH, Tn. Mejar Haji Hanif Maidin (B), Pengurus Kanan CSSD, Tn. Haji Sham Zahary Sudin.

Objektif utama penganjuran seminar Pengurusan Keselamatan dan Kesihatan Pekerjaan ini adalah bagi membantu pihak pentadbir sekolah mempertingkatkan tahap keselamatan dan kesihatan di sekolah, menyampaikan maklumat terkini dan isu yang berkaitan dengan keselamatan dan kesihatan pekerjaan kepada pentadbir dan kakitangan sekolah dan mengenal pasti dan memahami masalah yang dihadapi oleh guru-guru, kakitangan dan pentadbir sekolah dalam menerapkan amalan budaya keselamatan dan kesihatan pekerjaan di sekolah.

## LAWATAN SOLIDARITI UNI-MLC KE NIOSH



Pada 5 Julai 2018, satu lawatan kerja dari UNI-MLC (UNI Malaysia Labour Centre) ke NIOSH yang diketuai oleh YBhg Datuk Mohamed Shafie Mammal, Presiden UNI-MLC (UNI Malaysia Labour Centre) dan dipengerusikan oleh YBhg Tan Sri Lee Lam Thye, Pengerusi NIOSH. Lawatan ini tiba di NIOSH tepat pukul 9.00 disambut oleh barisan pengurusan tertinggi NIOSH. Delegasi ini

## HARI KELUARGA NIOSH 2018



Pada 29 Julai 2018, sambutan Hari Keluarga NIOSH 2018 telah berlangsung dengan meriahnya selama 3 hari 2 malam pada 27-29 Julai 2018 bertempat di Swiss Garden Resort, Kuantan, Pahang.

Program tahunan yang dianjurkan oleh Kelab Kebajikan dan Sukan NIOSH itu telah berjaya menghimpunkan seramai 913 orang yang terdiri daripada warga kerja NIOSH dan ahli keluarga bagi memeriahkan sambutan yang bertemakan *'Togetherness – Black and Gold'*.

Objektif penganjuran hari keluarga seumpama ini diadakan adalah untuk mewujudkan semangat kerja berpasukan dan mengeratkan hubungan silaturahim antara warga kerja NIOSH dan ahli keluarga amnya. Sambutan Hari Keluarga ini telah dirasmikan oleh YBrs Encik Ayop Salleh, Pengarah Eksekutif NIOSH yang mana di dalam ucapan ringkas beliau pada malam tersebut, beliau menekankan bahawa pentingnya semangat kekeluargaan dan keakraban di kalangan warga kerja. Turut serta memeriahkan majlis makan malam tersebut ialah Pengerusi NIOSH, Tan Sri Lee Lam Thye sebagai tetamu kehormat.

Pelbagai aktiviti telah diadakan di antaranya ialah *'Sure Heboh'* NIOSH, sukaneka, majlis makan malam, cabutan nombor bertuah dan pertandingan karaoke. Seluruh warga NIOSH telah memberikan maklum balas yang positif dan berharap agar program seumpama ini dapat diteruskan lagi pada tahun yang akan datang.

telah diberikan taklimat ringkas berkaitan dengan peranan dan tanggungjawab NIOSH sebagai sebuah badan yang menjalankan aktiviti latihan, perundingan, penyelidikan dan penyebaran maklumat bagi aspek Keselamatan dan Kesihatan Pekerjaan.

Delegasi ini telah dibawa untuk meninjau dan melihat secara dekat aktiviti yang dijalankan oleh NIOSH. Selesai taklimat, delegasi dibawa

## SEMINAR KESELAMATAN DAN KESIHATAN PEKERJAAN UNTUK PENGAMAL MEDIA



Pada 19 Julai 2018, NIOSH Pejabat Wilayah Selatan telah menganjurkan Seminar Keselamatan dan Kesihatan Pekerjaan untuk Pengamal Media. Seminar ini telah diadakan di NIOSH Pejabat Wilayah Selatan, Johor Bharu yang dirasmikan oleh Pengerusi NIOSH, YBhg Tan Sri Datuk Seri Lee Lam Thye.

Program seminar 'OSH for Media' telah berjaya mengumpulkan lebih 50 pengamal media dari pelbagai organisasi media yang ada di sekitar Johor. Dalam majlis perasmian seminar tersebut, YBhg Tan Sri mengemukakan tiga cadangan untuk memastikan keselamatan pengamal media ketika bertugas. Cadangan itu termasuk mewujudkan garis panduan bagi petugas media melaksanakan tugas di kawasan yang berisiko tinggi. Syor kedua, bagi pihak majikan dan syarikat media perlu melabur dalam aspek keselamatan dan kesihatan bagi kakitangan mereka. Selain itu, organisasi media disarankan untuk melaksanakan satu program "Safety Passport" atau passport keselamatan kepada semua pengamal media seperti yang telah diamalkan oleh industri petroleum dan syarikat-syarikat besar lain.

Menurut YBhg Tan Sri Lee Lam Thye, NIOSH diberi tanggungjawab untuk membantu pengamal media dalam mendidik dan meningkatkan tahap kesedaran dalam KKP. Program seperti ini diwujudkan bagi membolehkan warga media yang ditugaskan membuat liputan di lokasi berisiko tinggi sudah pun membuat persiapan yang mencukupi. Tambahnya lagi, majikan perlu peka dan menyediakan peralatan keselamatan serta perlindungan perubatan dan kesihatan yang sesuai kepada wartawan dan jurufoto yang bertugas di zon bahaya.

melawat ke ke bahagian Hangar & MTU, Pusat Simulasi Ruang Terkurung, Makmal Higen Industri, Gymnasium, Klinik Kesihatan Pekerjaan, Perpustakaan, Dewan dan Bilik-bilik Latihan. Sesi lawatan berjalan lancar dan berakhir pada pukul 1.00 tengah hari. Diharap dengan lawatan yang singkat ini, NIOSH akan dapat menjalin hubungan kerjasama dengan kesatuan pekerja di dalam bidang Keselamatan dan Kesihatan Pekerjaan (KKP) di masa akan datang.

# OSH NEWS



## TANGANI ISU KESIHATAN MENTAL

**Publication:** Utusan Malaysia  
**Date of Publication:** 24 July 2018  
**Page number:** 10



## NIOSH: REVIEW SAFETY MEASURE FOR ROADWORKS

**Publication:** News Straits Times  
**Date of Publication:** 23 July 2018  
**Page number:** 22



## JKKP REKOD 711 KEMATIAN DI TEMPAT KERJA

**Publication:** Berita Harian  
**Date of Publication:** 10 July 2018  
**Page number:** 15



## 2 KEMATIAN, 116 KES KEMALANGAN SETIAP HARI

**Publication:** Harian Metro  
**Date of Publication:** 29 July 2018  
**Page number:** 76



## KESELAMATAN

### Komitmen majikan tingkat tahap KKP di tempat kerja

Perbagai program beri kesedaran, kurangkan kemalangan

Malaysia yang aman dan selamat adalah salah satu matlamat utama kerajaan. Untuk mencapai matlamat ini, kerajaan komited untuk meningkatkan keselamatan di tempat kerja. Melalui pelbagai program kesedaran, kerajaan berharap dapat mengurangkan bilangan kemalangan di tempat kerja.



Malaysia yang aman dan selamat adalah salah satu matlamat utama kerajaan. Untuk mencapai matlamat ini, kerajaan komited untuk meningkatkan keselamatan di tempat kerja.

Salah satu program yang dijalankan adalah melalui program Kesedaran Mengenai Kemalangan (KEMKAP). Program ini bertujuan untuk meningkatkan kesedaran pekerja mengenai bahaya di tempat kerja dan langkah-langkah keselamatan yang perlu diambil. Selain itu, kerajaan juga menjalankan program-program lain seperti latihan keselamatan, pemeriksaan keselamatan, dan pemantauan keselamatan.



## 48 JAM PADAM API TANGKI MINYAK

**Publication:** Kosmo  
**Date of Publication:** 7 July 2018  
**Page number:** 12



## KOMITMEN MAJIKAN TINGKAT TAHAP KKP DI TEMPAT KERJA

**Publication:** Berita Harian  
**Date of Publication:** 11 July 2018  
**Page number:** 24

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