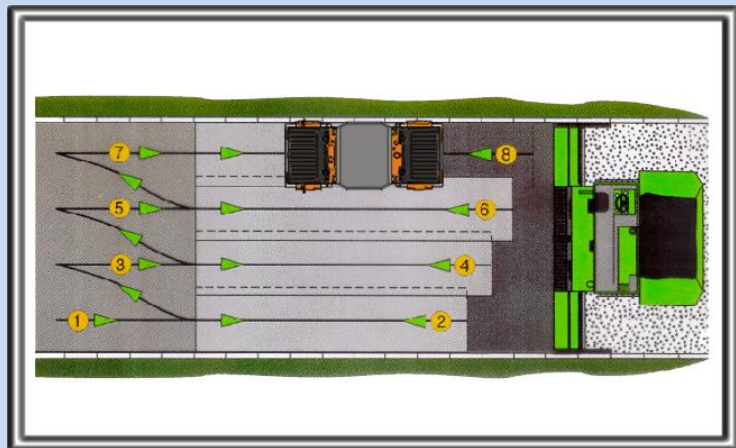


WEBINAR

HALF-DAY SEMINAR ON GOOD PRACTICES FOR CONSTRUCTION OF NEW ASPHALT PAVEMENT AND MAINTENANCE

Date : 5 JUNE 2021
Time: 9.00 AM – 1.00 PM
Speaker : Ir. Pok Sum Loong

BEM Approved CPD/PDP Hours
4 Hours (IEM21/HQ/142/S(w))



	ONLINE (Log-in for registration & payment: www.myiem.org.my/member/login.aspx)	NORMAL FEE (by fax & email) Payment by cash, credit card and bank-in
IEM Student Member	40.00	50.00
IEM Graduate Member	75.00	90.00
IEM Corporate Member	125.00	150.00
Non-IEM Member	240.00	300.00

Organized by:
Highway and Transportation Engineering Technical Division (HTETD), IEM

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

Personal Data Protection Act

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion".
For intending participants who choose to 'walk in without prior registration',
IEM SHALL NOT be responsible for any direct or consequential losses

SPEAKERS



Ir. Pok Sum Loong is the Managing Director of WIRTGEN MALAYSIA Sdn. Bhd., a subsidiary of WIRTGEN GROUP since July 2011. The WIRTGEN GROUP is an internationally operating group of companies leading in the construction machinery sector. Before joining Wirtgen, Ir Pok was the Global Marketing Manager and Regional Technical Manager for Shell Bitumen a world's leading supplier for bitumen. Ir Pok also have more than 10 years of real-life road construction experience when he was working for a prominent road contractor in Malaysia.

Ir. Pok is a Civil Engineer registered with The Board of Engineers, Malaysia (BEM). He has a Diploma and Degree in Civil Engineering from UTM and master's degree of Highway and Transportation from UPM. Ir. Pok is the Corporate Member of The Institution of Engineers, Malaysia (IEM). He has worked in the pavement industry for nearly 30 years in Malaysia, China and as well as the global environment.

Ir. Pok actively participated in pavement and material technical committees and contributed vastly in the Malaysia pavement industry. He was a committee member for revision of Malaysia Standard MS 124 and MS 512, committee member for drafting of REAM guideline REAM-SP 3/2007 and Committee member for Shell Bitumen Technical Committee East. Currently Ir. Pok is the committee member for preparing the Technical Document related to New Technology in Road Pavement organized by The Road Engineering Association of Malaysia (REAM).

SYNOPSIS

The construction and maintenance of an asphalt pavement which is complying to the functional and structural needs is deemed necessary in today's world. Key parameters such as surface texture, structural strength and pavement profile are used to measure the quality of a pavement. Doing it right from the beginning during the new road construction is crucial and this helps to reduce unnecessary redo and reduce the tendency of potential premature failure that increases the maintenance cost unnecessarily. Selection of the correct construction methodology during the paving and compaction of asphalt by using the appropriate level control system contributes to good riding quality and good structural strength for a pavement.

The International Roughness Index (IRI) is always used to measure the road profile and riding quality on many roads in Malaysia. Lately a Three Points Averaging Sonic Sensors namely the Multiplex System has been introduced successfully. In addition, the specific features build in the paving equipment such as the electric heated screed function, auto set memorise function and screed assist function serve as additional features that improve the asphalt surface texture.

Besides, it is recognized that compaction process plays the key role in providing good structure strength and as well as good surface texture for an asphalt pavement. A typical Pneumatic Tyre Roller (PTR) and Tandem Roller serve as the ideal combination in providing the desired compaction. The success elements for the process are weight of equipment, correct rolling process, working window and asphalt temperature. A good paving and compaction protocol for the paving and compaction of asphalt will be presented.

Case studies on specific challenges during the paving and compaction of asphalt pavement will be presented. Fine asphalt stick to PTR's tyre is always causing nuisance during the initial rolling on asphalt pavement especially during the compaction of surface causes such as Asphaltic Concrete Wearing Course (ACWC). Reviewing the fundamental of the root cause and identifying the right solution is importance to prevent the imprinting of ACWC surface due to the tyre contamination.

At the end of the seminar, participants are expected to gain knowledge in the latest paving technology and the new innovative construction methodology that promotes quality and innovation. The scope of coverage in this training session applicable to new road construction and as well as road maintenance.

TENTATIVE PROGRAMME

Time	Programme
09:00 am – 09:10 am	Welcoming remark by IEM representative.
09:10 am – 11:00 am	Quality paving mapping to JKR standard specification and Case Study on IRI compliance.
11:00 am – 12:00 am	Laying and compaction protocol for Hot Mix Asphalt.
12:00 pm – 12:30 pm	Case Study on PTR compaction, how to avoid tyre sticking?
12:30 pm – 1:00 pm	Q&A
1:00 pm	End

*** IEM reserves the right to postpone, reschedule, allocate or cancel the cours**

REGISTRATION FORM

GOOD PRACTICES FOR CONSTRUCTION OF NEW ASPHALT PAVEMENT AND MAINTENANCE

5 JUNE 2021

	ONLINE <small>(Log-in for registration & payment: www.myiem.org.my/member/login.aspx)</small>	NORMAL FEE <small>(by fax & email) Payment by cash, credit card and bank-in</small>
IEM Student Member	40.00	50.00
IEM Graduate Member	75.00	90.00
IEM Corporate Member	125.00	150.00
Non-IEM Member	240.00	300.00

No	Name(s)	Membership No.	Grade	Fee (RM)
SUB TOTAL				
+ 6% SST				
TOTAL PAYABLE				

PAYMENT DETAILS :

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration the registration automatically cancels..

Contact Person : _____ Designation : _____

Name of Organization : _____

Address : _____

Telephone No. : _____ (O) Fax No : _____ (O)

Handphone : _____ (HP) Email : _____

Signature & Stamp _____ Date _____

TERMS & CONDITIONS:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u – Personal Saving & Personal Current ; Credit Card - Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment

FOR FURTHER DETAILS, KINDLY CONTACT:

The Institution of Engineers, Malaysia
Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor
Tel : 603-7968 4001/2 Fax : 603-7957 7678 Email : suriani@iem.org.my