

**REGISTRATION FORM
WORKSHOP ON QUALITY PAVING OF
EXPRESSWAYS
CLOSING DATE: Friday 28 September 2018**

No.	Name	REAM M/ship No. (if any)
1.		
2.		
3.		
4.		
5.		

Organisation/Company:

Address:

Contact Person: _____

Tel No: _____ Fax No: _____

Email: _____

Please post / fax / email this form to:

Road Engineering Association of Malaysia
No. 46A, Jalan Bola Tampar 13/14, 40100 Shah Alam, Selangor

Tel: 03-5513 6521/2 **Fax:** 03-5513 6523

Email: rosmah@ream.org.my

Contact person: Ms. Rosmah binti Marhamdan

Payment

Enclosed herewith is the cheque / bank draft / local order No..... for the sum of RM being payment for Workshop registration fee in favour of *Pertubuhan Kejuruteraan Jalan Malaysia*. The fee is not refundable if a participant withdraws after the application is accepted by the Organising Committee but substitution of participant may be permitted. Should a participant fails to attend the Workshop, the registration fee must be settled in full.

Note: Payment can also be made into **Maybank Account No. 564191 568534**. Please fax / email the bank-in slip to the REAM Secretariat for confirmation.

Signature: _____ Date: _____

One-day Workshop on **QUALITY PAVING OF EXPRESSWAYS**



CPD hours
offered by
BEM

Come participate and contribute to the REAM Education Fund to help needy students pursuing tertiary education in local public universities.

Date : Thursday 11 October 2018

Time : 9.00 am – 5.00 pm

**Venue : Grand Court Hotel, Menara GSM
Jalan Padang Tembak, off Jalan Maharaja Lela, Teluk Intan,
Perak**

Joint organisers:



Public Works Department, Malaysia



Road Engineering Association of Malaysia

In collaboration with:



**WIRTGEN
GROUP**



**FALCON EQUIPMENT SERVICES SDN BHD
(397210-P)**

Workshop in brief

The construction of a high quality expressway complying with functional and structural needs is deemed necessary in the modern 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 new road construction is crucial and this helps to reduce unnecessary rework and also reduce the tendency of premature failure that increases the maintenance cost unnecessarily. Selection of correct construction methodology during the paving and compaction works by using the appropriate level control system contributes to good riding quality and structural strength for the 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 built in the paving equipment such as the electric heated screed function, autaset memorise function and screed assist function serve as additional features that improve the asphalt surface texture.

Besides, it is recognised that compaction process plays a key role in providing good structure strength as well as good surface texture for an asphalt pavement. A typical pneumatic tyre roller 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.

This workshop consists of a half-day class room theoretical session and case studies to elaborate the above scope of discussions followed by a half-day work site demonstration. During the work site demonstration, a good paving process with the relevant equipment and devices such as a string line method and multiplex method will be exhibited. A standard static and dynamic compaction equipment in compliance with the specification will also be employed at this demonstration.

Registration fee

REAM Members: RM 50.00

Non - REAM Members : RM 100.00

Note: Only limited seats have been made available for REAM.

Registration will be on first-come, first-served basis.

SPEAKERS

Ir. Haji Zulakmal bin Haji Sufian

Senior Director (Road Branch)

Public Works Department, Malaysia

Ir. Pok Sum Loong

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 incorporating five product brands namely Wirtgen, Vögele, Hamm, Kleemann and Benninghoven. Wirtgen Group has become a one-stop supplier of leading technologies for the entire road construction cycle starting from processing, mixing, paving, compaction and subsequently, rehabilitation.

Ir. Pok is a Civil Engineer registered with the Board of Engineers, Malaysia. He is a Corporate Member of Institution of Engineers, Malaysia (IEM). He has worked in the pavement industry for nearly 25 years in Malaysia, China and as well as the global environment.

Ir. Pok has over the years actively participated in pavement and material technical committees and contributed vastly to the Malaysian pavement industry. He was a committee member for revision of Malaysia Standard MS 124 and MS 512, Committee Member for the drafting of REAM guideline REAM-SP 3/2007 and Committee Member for Shell Bitumen Technical Committee East.

PROGRAMME

08.00	Registration of participants
09.00	Opening address by JKR Senior Director (Road Branch) Ir. Haji Zulakmal bin Haji Sufian
	Quality paving by using latest devices to achieve the required parameters by Ir. Pok Sum Loong
10.30	Tea break
10.45	Quality paving, a case study using a three-point sonic sensor by Ir. Pok.
11.15	Compaction of asphalt layers by Ir. Pok.
12.00	Case study on asphalt compaction by Ir. Pok.
12.30	Lunch break.
1.30	Travel to work site. Note: Participants are requested to use their own vehicles to travel to the nearby worksite.
2.00	Demonstration
4.00	Issue of Certificate of Attendance