



## **HYBRID HALF DAY SEMINAR on**

**“CIDB Act 520 Amendment 2021, Construction Industry Standard CIS22:2021 (Safe Use of Scaffolding In Construction) & CIS23:2021 (Safe Use of Falsework In Construction)”**

**AND**

**“Falsework Design and Testing of Falsework Structures”**

**SPEAKERS:**

**Ir. LEE KEE BAU (Ir. KB LEE)**

**Ir. DR. LIM BOON TIONG**

**Date : 15<sup>TH</sup> MARCH 2023 (Wednesday)**  
**Platform : HYBRID (PHYSICAL + ONLINE EVENT)**  
**PHYSICAL VENUE - MALAKOFF AUDITORIUM,  
GROUND FLOOR WISMA IEM,  
P.JAYA, SELANGOR**  
**Time : 9.00 a.m. – 1.30 p.m.**

**BEM APPROVED CPD/PDP HOURS : 4.0**  
**IEM22 / HQ / 340 / S**

**Closing Date: 08<sup>TH</sup> MARCH 2022**

**NQ online registration will be allowed after the Closing Date**

**Organized & Hosted by:**

**Civil and Structural Engineering Technical Division (CSETD), 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.

## SEMINAR 1

**Title : CIDB Act 520 Amendment 2021, Construction Industry Standard CIS22:2021 (Safe Use of Scaffolding In Construction) & CIS23:2021 (Safe Use of Falsework In Construction)**

### SYNOPSIS

CIDB Act 520 (Amendment of Fourth Schedule) Order 2021 has been enforced on 13 September 2021. This act covers scaffolding & falsework materials used in construction industry and the materials shall be complied with Construction Industry Standard CIS22:2021 (scaffolding) & CIS23:2021 (falsework). The manufacturers, suppliers, contractors, Professional Engineers for Temporary Works (PETW) and consultant engineers shall ensure the compliance of the Act 520, CIS22 & CIS23 for supply, design and use of scaffolding & falsework in construction.



### SPEAKER 1

*Ir. Lee Kee Bau (Ir. KB Lee)* is the Technical Director of Era Scaffold System Sdn. Bhd, a Malaysian company specifically dedicated in temporary works for construction such as scaffolding, falsework, formwork and self climbing platform system.

Ir. KB Lee has more than 25 years of experience specialising in temporary works for construction, which include scaffolding, falsework, formwork and self climbing platform system. Ir. KB Lee graduated in Civil and Structural Engineering and he is a Registered Professional Engineer.

Ir. KB Lee is currently an active technical committee of Construction Industry Development Board (CIDB) for CIS22 “Safe Use of Scaffolding in Construction” and CIS23 “Safe Use Falsework in Construction” and the Chairman for the technical committee of Department of Standards Malaysia (DSM) for “Malaysia Standard for Steel Products including Scaffolding & Falsework” and the committee member for the working group of Department of Standards Malaysia (DSM) for “Malaysia Standard for Falsework & Scaffolding”. He is the committee member of Civil & Structural Engineering Technical Division, the Institution of Engineer Malaysia’s (IEM).

## SEMINAR 2

### Title : Falsework Design and Testing of Falsework Structures

#### SYNOPSIS

Proprietary falsework systems are used at almost every construction site in Malaysia. Workers erecting these systems may have little or no formal training and engineers are often relying on technical advice from suppliers for their design and safe use. The failures of falsework structures will have serious consequences and it is therefore essential that the “falsework designer” understands the basic design principles of falsework structures. Falsework design should include design checks for structural strength & stiffness of individual members and the overall stability of falsework structures.

The safe working loads and capacities for falsework structures depend on the “effective length” of the members. Test results for the proprietary falsework tower and components will provide a better understanding of the “effective length” of falsework structures.



#### SPEAKER 2

*Ir. Dr. Lim Boon Tiong* is the Managing Director with Meinhardt Malaysia with more than 30 years of experience in the designs of civil and structural engineering and building works. Dr. Lim has worked in Singapore, Taiwan, China and Malaysia, where he is a Registered Professional Engineer.

Dr. Lim’s experience includes highrise building, road works, viaducts, geotechnical and earth slopes, drainage, sewerage and water supply work. Ir. Dr. Lim Boon Tiong graduated with a PhD in Structural Engineering from the University of Glasgow

## PROGRAMME

TIME	PROGRAMME	SPEAKERS
0830 – 0900	<i>Registration of Participants, Atlanta Ballroom, 3<sup>rd</sup> Floor Welcome Breakfast</i>	
<b>0900 – 0905</b>	<b>Welcome Address &amp; Opening Speech</b>	<b>CSETD</b>
0905 – 1015	<b>Seminar 1:</b>  CIDB Act 520 Amendment 2021, Construction Industry Standard CIS22:2021 (Safe Use of Scaffolding In Construction) & CIS23:2021 (Safe Use of Falsework In Construction)	Ir. Lee Kee Bau
1015 – 1045	<b>Q &amp; A – Session 1</b>	
1045 – 1100	<b>Morning Break</b>	
1100 – 1300	<b>Seminar 2:</b>  Falsework Design and Testing of Falsework Structures	Ir. Dr. Lim Boon Tiong
1300 - 1330	<b>Q &amp; A – Session 2</b>	
1330	<b>End of Seminar</b>	
1330 - 1430	<b>Lunch @ D'Place (Ground Floor)</b>	

**“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion”.**

**IEM SHALL NOT be responsible for any direct or consequential losses”.**

**For further details, kindly contact:**

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 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 : shahrul@iem.org.my / parimala@iem.org.my / suriani@iem.org.my

## PROGRAMME

### HYBRID HALF DAY SEMINAR ON

SEMINAR 1 - "CIDB ACT 520 AMENDMENT 2021, CONSTRUCTION INDUSTRY STANDARD CIS22:2021 (SAFE USE OF SCAFFOLDING IN CONSTRUCTION) & CIS23:2021 (SAFE USE OF FALSEWORK IN CONSTRUCTION)" AND SEMINAR 2 - "FALSEWORK DESIGN AND TESTING OF FALSEWORK STRUCTURES"

15<sup>TH</sup> MARCH 2023 (Wednesday)

Email: shahrul@iem.org.my / parimala@iem.org.my / suriani@iem.org.my

#### REGISTRATION FEE AFTER 31 DECEMBER 2022 (As Fees is NOW Based on HYBRID Fees Platform)

Members who have registered PHYSICAL Event Earlier remain the same

	ONLINE FEE ATTENDANCE (RM)	PHYSICAL FEE ATTENDANCE (RM)
IEM Student Members	70.00	100.00
IEM Graduate Members	90.00	180.00
IEM Corporate Members	150.00	300.00
Non-IEM Members (None of the Above)	300.00	500.00

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
+ SST 6%				
<b>TOTAL PAYABLE</b>				

#### PAYMENT DETAILS :

Cash RM \_\_\_\_\_

Cheque no. \_\_\_\_\_ for the amount of RM \_\_\_\_\_ (non refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.

**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 (whichever available).

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 fee will be reverted to the normal registration fee.

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
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail 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. Registration fee includes lecture notes, refreshment.
- The Organizing 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.

# ADVERTISEMENT BOOKING FORM (EVENT BOOKLET)

## HYBRID HALF DAY SEMINAR ON

**SEMINAR 1 - "CIDB ACT 520 AMENDMENT 2021, CONSTRUCTION INDUSTRY STANDARD CIS22:2021 (SAFE USE OF SCAFFOLDING IN CONSTRUCTION) & CIS23:2021 (SAFE USE OF FALSEWORK IN CONSTRUCTION)" AND**

**SEMINAR 2 - "FALSEWORK DESIGN AND TESTING OF FALSEWORK STRUCTURES"**

**15<sup>TH</sup> MARCH 2023 (Wednesday)**

Organised by :

**Civil and Structural Technical Division (CSETD), The Institution of Engineers, Malaysia**

No. 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor

Tel No. 03-79684001/2 Fax No. 03-79577678 Email: [shahrul@iem.org.my](mailto:shahrul@iem.org.my) Website: [www.iem.org.my](http://www.iem.org.my)

Chairman, Civil & Structural Engineering Technical Division (CSETD),

We would like to place an advertisement in the EVENT BOOKLET of the **HYBRID HALF DAY SEMINAR (15 March 2023)** as indicated below and attach herewith a cheque no. .... for the sum of RM ..... made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" being our booking fees:-

Tick (v)	Location	Advertisement Rates	Complimentary Participant Seat	Promotion Table @ Registration Foyer Only
	Outside Back Page (Colour)	RM 6,000.00	3 seats	1 Table with 2 chairs
	Inside Front Page (Colour)	RM 4,500.00	2 seats	1 Table with 2 chairs
	Inside Back Page (Colour)	RM 4,500.00	2 seats	1 Table with 2 chairs
	Inside Run of Page (Colour)	RM 2,500.00	1 seat	Nil

*\*Advertisement Artwork must be accompanied with payment minimum 1 week before printing.*

### PAYMENT INFORMATION:

✓ Account Name : THE INSTITUTION OF ENGINEERS, MALAYSIA
✓ Account Number : 232-303-911-0
✓ Bank Name : UNITED OVERSEAS BANK (UOB)
✓ Bank Address : NO 2-6, JALAN TENGAH, 46200 PETALING JAYA, SELANGOR
✓ Swift Code : UOVBMK1025
✓ Email Address for Receiving Remittance Advise : <a href="mailto:finance@iem.org.my">finance@iem.org.my</a> / <a href="mailto:shahrul@iem.org.my">shahrul@iem.org.my</a>

### CONTACT INFORMATION:

Contact Name:				
Organisation:				
Position:				
Mailing Address:				
Contact Nos.:	Tel:		Fax:	
Hand phone No.				
E-mail:				

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Company Stamp: \_\_\_\_\_