

**REGISTRATION FORM**  
**HALF DAY TECHNICAL SEMINAR ON**  
**“DIFFERENT TYPES, DESIGNS & APPLICATIONS OF MECHANICAL SPLICES”**  
**7<sup>th</sup> November 2017 (Tuesday)**

**Half Day Seminar on “Different Types, Designs & Applications Of Mechanical Splices”**

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
ADD 6% GST				
TOTAL PAYABLE				

Organised and Hosted by  
 Civil and Structural Engineering Technical Division,  
 The Institution of Engineers, Malaysia  
 In Collaboration with  
 Halfen-Moment Sdn Bhd

Date : 7<sup>th</sup> November 2017 (Tuesday)  
 Venue : Armada Hotel, Petaling Jaya, Selangor  
 Time : 8.30 a.m. – 1.00 p.m.  
 Speaker : Mr Gary Gonnah CPEng

**BEM Approved CPD Hours : 3.5 Hours**  
**Ref : IEM17/HQ/365/S**

**IMPORTANT NOTES**

- Closing Date: 03<sup>RD</sup> NOVEMBER 2017
- For ONLINE REGISTRATION, payment MUST BE MADE ON REGISTRATION [via RHB Now and Maybank2u - Personal Saving & Personal Current; Any Credit Card - Visa/Master.
- Payment via CASH/CHEQUE/BANK-IN TRANSMISSION/BANK DRAFT/MONEY ORDER/ POSTAL ORDER/LOU/LOG/WALK –IN will be considered as NORMAL REGISTRATION
- FULL PAYMENT must be settled before commencement of the event, 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. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.
- ❖ The Organising Committee reserves the right to alter or change the programme due to unforeseen circumstances.

Registration Fee (SUBJECT TO 6% GST)	
	ONLINE / NORMAL (MYR)
IEM Student Members	50.00
IEM Graduate Members	80.00
IEM Corporate Members	100.00
Non-IEM Members	150.00
<i>*GST is implemented effective from 1<sup>st</sup> April 2015</i>	

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

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\_\_\_\_\_ (H) \_\_\_\_\_ (HP)

Email: \_\_\_\_\_

\_\_\_\_\_  
 Signature & Stamp

\_\_\_\_\_  
 Date

Photocopies are acceptable

**Cancellation Policy**

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 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.

## **SYNOPSIS**

For almost 100 years, construction practices in the building of concrete structures have focused on the use of steel reinforcement to transfer tension forces. Lap splicing has become the traditional method of connecting the steel reinforcing bars. However, lapped joints are not always an appropriate means of connecting reinforcing bars. The use of laps can be time consuming in terms of design and installation and can lead to greater congestion. Today, the use of mechanical splices (also known as rebar couplers) are superior in its load transfer to lapped splicing as it creates a direct mechanical connection between 2 bars.

This half-day specialized seminar will provide intimate understanding of mechanical splices which has been used as a method of splicing reinforcing bars. This seminar will present the different types of rebar couplers in the market, with different benefits and applications. This knowledge can be applied by practicing engineers, consultants, designers, and the industry to broaden their knowledge on how mechanical splices can play a big role in simplifying the design of reinforced concrete, speeding up construction and reducing the amount of reinforcement required.

## **OBJECTIVES**

- ✚ To promote mechanical splices as choice building material to the Malaysian Construction Industry
- ✚ To create awareness for designer and engineers on the benefits of different types of mechanical splices
- ✚ To make available a platform for the acquisition of knowledge directly from the specialist
- ✚ To provide a forum for exchange of view among the engineers

## **ABOUT THE SPEAKER**

### **Speaker : GARY GONNAH CPEng**

**Gary Gonnah** is a Chartered Professional Engineer and currently holds the position of Technical and Development Manager of CRH Construction Accessories Asia, based in Singapore. He graduated from Loughborough University in the UK in 1996 and has gained extensive experience in mechanical splices as well as post installed and cast in anchor solutions in Europe, Asia and Australasia.

As the ex-chair of the Construction Fixings Association in UK, he actively contributed to current anchor Approval guidelines in Europe and until recently held the position of Chair of the AEFAC technical committee; an industry initiative seeking to enhance the specification, selection, design and installation of structural anchors and fasteners in the Australian construction industry.

## **Seminar Schedule & Outline**

08:30 - 09:00	Course Registration & Welcome Refreshment
09:05 – 10:30	<b>Session 1: Mechanical Splices VS Lap Splicing</b> <ul style="list-style-type: none"><li>❖ Introducing Mechanical Splices</li><li>❖ Key Drivers for using Mechanical Splices</li><li>❖ Testing and Standards</li></ul>
10:30 – 10:55	Tea Break
11:00 – 12:30	<b>Session 2: The Different Types, Design &amp; Applications of Mechanical Splices</b> <ul style="list-style-type: none"><li>❖ Types of Mechanical Splices</li><li>❖ Quality Control</li><li>❖ Reinforcement Continuity</li></ul>
12.35 – 12:55	<b>Q &amp; A Session</b> End of Seminar
13:00 – 14:00	Buffet Lunch