



ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

Date: 01 August 2024 (Thursday)

Time: 2.00 pm to 5.30 pm

Mode of Delivery: In-person

Venue: ACES Office

18 Sin Ming Lane #06-01 Midview City S573960

CPD: 3 PDU

Fee: \$30 nett for ACES Members

Synopsis

This specialized seminar aims to provide attendees with an in-depth understanding of CARES certified rebar couplers as a method of splicing reinforcing bars. With claims of performance varying widely among different types of mechanical splice systems, the seminar will address the need for external independent verification through the CARES certification process.

The seminar will cover the general principles of testing, evaluation, and requirements for mechanical splices to be approved by CARES. Attendees will also receive an update on the current types of couplers available in the market, including their benefits and applications based on the requirements of ISO 15835:2018, which is also referred to by CARES.

This knowledge can be applied by practicing engineers, consultants, designers, and the industry to expand their knowledge of how couplers can play a significant role in reducing steel volumes, weight of the structure, and cost. By attending this seminar, attendees will gain the confidence they need to select the appropriate mechanical splice system for their specific project needs.

Objectives

- Promoting CARES approved coupler as choice building material for the construction industry in Southeast Asia.
- Building awareness among designers and engineers on the advantages of couplers for reinforced concrete structures.
- Providing an interactive forum for engineers to exchange views on CARES approved couplers and their applications.

Program

1.50 pm to 2.00pm	Registration
2.00 pm to 3.15 pm	Coupler Certification by Mr Yap Chin Seng (CARES) Q&A
3.15 pm to 3.45 pm	Tea Break
3.45 pm to 5.30pm	Reinforced Connection by Mr Gary Connah (LEVIAT) Q&A
5.30pm	End of Seminar

Registration Link

<https://forms.gle/nXyGNuieoXaCEQ3u9>



CARES & Leviat:
Delivering the
Reinforced
Connection

Leviat
A CRH COMPANY

Speakers

Mr. Yap Chin Seng (CARES)
Regional Operations Manager (East Asia)



Yap Chin Seng is a highly experienced professional in the steel industry with over 19 years of expertise. Having visited more than 40 steel manufacturing plants across Europe, Middle East, and Asia, Chin Seng brings a wealth of knowledge to his role as overseer of CARES operations in the Asia region, which includes Singapore, Hong Kong, China, and other countries.

In his position, Chin Seng ensures that the system of assessments, audits, and independent assurance services are applied to ensure the highest standards of quality for reinforcing steel used in construction across Asia. Chin Seng is a competent technical expert in relation to product conformity, sustainability and construction steel supply chain. As a member of the UK CARES, CARES Certification Pte. Ltd. Singapore and CARES Hong Kong Ltd management committee, Chin Seng has made significant contributions towards enhancing the quality of reinforcing steel across Asia.

Mr. Gary Connah (Leviat)
Product Manager, Europe & APAC



Gary Connah is a highly accomplished Chartered Professional Engineer and currently serves as the Product Manager at Leviat based in Singapore. He earned his degree from Loughborough University in the UK in 1996 and has since gained extensive expertise in mechanical splices, post-installed and cast-in anchor solutions in Europe, Asia, and Australia.

With a proven track record in the industry, Gary has contributed significantly to the development of current anchor Approval guidelines in Europe as the ex-chair of the Construction Fixings Association in the UK. He also served as the Chair of the AEFAC technical committee, an industry initiative aimed at enhancing the specification, selection, design, and installation of structural anchors and fasteners in the Australian construction industry until recently.