

TALK ON “POST – INSTALLED REBAR DESIGN”
 Organised by the Civil and Structural Engineering Technical Division (CSETD)
BEM Approved CPD/PDP: 2 Hours Ref : IEM18/HQ/167/T

Date : **14 MAY 2018 (Monday)**
 Time : **5.30 p.m. – 7.30 p.m.**
 Venue : **Auditorium Tan Sri Prof. Chin Fung Kee
 3rd Floor, Wisma IEM,
 Petaling Jaya, Selangor**
 Speaker : **Ir. NG BENG HOOI & MS. STELLA NERBANO**

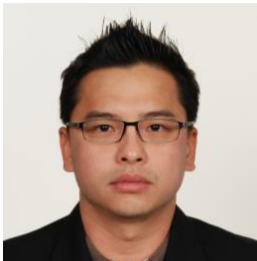
SYNOPSIS

To share with participants difference between post-installed anchor and post-installed rebar design theory. To also showcase the use of design software (PROFIS Anchor and Rebar) in calculation for post-installed rebar solutions.

An introduction to the scope and applications of the post-installed rebars and review of the current design methods for designing post-installed starter bars commonly use in the industry. Overview of the new design guideline from European Technical Approval Guidelines. Technical Report TR023, and how it complies with EC2. Introduction to Hilti’s HIT Rebar Design that is also according to the principles of TR023 and EC2.

A demonstration on software for post-installed rebars, PROFIS Rebar, that is used in the calculation of embedment depth required as according to the EC2 and ETAG TR023. Demonstration on how it works and the limitations and assumptions made that relate to site conditions. Also sharing some project references, example The Exchange 106 Project. What would happen if products are used inappropriately? A sharing session discussing about examples of actual cases where anchor and rebar connections were not designed/installed correctly and the failures that occurred.

SPEAKERS BIODATA



Ir. NG BENG HOOI, graduated from Universiti Teknologi Malaysia, Johor in 2005 with a B.Eng in Civil Engineering. He worked in consultants and suppliers for more than 12 years. He has been working in Hilti Malaysia since 2015 and has undergone basic and advanced training by Hilti in post-installed anchor and rebar design concepts.

Currently he is working as Head of Engineering in Hilti Malaysia, leading engineering team in providing post installed anchor, post installed rebar and firestop (Fastening and Protection) for Structure, M&E and Façade applications.



MS. STELLA NERBANO has a B.Eng and M.Eng (Civil Structure) from Perugia University, Italy and has 5 years of experience in structural engineering in Europe. She has been working in Hilti since November 2015 and has undergone basic and advanced training by Hilti in post-installed rebar design concepts. She is responsible for creating specific training and communication material to bring up the competence of Hilti engineers globally in post-installed rebar design.

She has a variety of experiences working on research in structural engineering topics like seismic engineering together with various institutions in Italy and Switzerland. She is currently the technical expert for rebar design for Hilti at the corporate headquarters in Lichtenstein.

Ir. DR. NG SOON CHING
Chairman
Civil and Structural Engineering Technical Division

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee :	No Charge
Administrative Fee :	
<u>Online</u>	RM15
<u>Walk In</u>	RM20

Non-Members

Registration Fee :	RM50
Administrative Fee :	RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- **To secure your seat, kindly register online at www.myiem.org.my**

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