

TALK ON "DESIGN OF HALF JOINT"

Organised by the Civil and Structural Engineering Technical Division (CSETD)
BEM Approved CPD/PDP: 2 Hours **Ref : IEM18/HQ/365/T**

Date : 25 SEPTEMBER 2018 (TUESDAY)
Time : 5.30 p.m. – 7.30 p.m.
Venue : Auditorium Tan Sri Prof. Ching Fung Kee
3rd Floor, Wisma IEM
Petaling Jaya, Selangor
Speaker : Ir. THONG CHIN MUN

SYNOPSIS

In this 2-hour session, Ir. Thong Chin Mun will share the design of half joint in precast beam. Half joint is referred to the top part of beam end where the bottom part has been recessed. Beam section depth is reduced to about half of its full depth and then reduced drastically the shear and moment capacities. Detailing of the joint is especially important as the reinforcements shall be arranged to satisfy various requirements within a packed space. In the sharing, Ir. Thong will demonstrate the thinking of getting a feasible solution.

SPEAKER BIODATA



Ir. Thong Chin Mun has been working on structural design since 2001 and joined precast industry since 2007. He has obtained his Master of Engineering from University Teknologi Malaysia in 2002. Currently he is the principal consultant in SAS Consult.

Ir. Thong has been involved in precast design for more than hundred structures, and he was main designer for more than half of those. He does framing, modeling, precast element calculations, spreadsheets and detailing. He handles precast beams (both reinforced concrete or prestressed), columns, prestressed hollow core slabs, half slabs, unpropped planks, double-tees, staircases, jetty components etc. His projects includes Pipe racks for Rapid, Pengerang, Kangkar Tebrau Substation Building, Rembau Hospital, Flood Mitigation Works at Sungai Rasah km 5.6, DHL Warehouse, schools, etc.

Ir. CHONG CHEE MENG
Chairman
Civil and Structural Engineering Technical Division (CSETD)

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee :	FREE OF 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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