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TECHNICAL TALK ON
"HAT-TYPE STEEL SHEET PILE TECHNOLOGY FOR IMPROVEMENT OF CONSTRUCTION PRODUCTIVITY IN MALAYSIA"

Organised by the Civil and Structural Engineering Technical Division (CSETD)

BEM Approved CPD/PDP: Applying

Date	:	**14TH NOVEMBER 2019 (THURSDAY)**
Time	:	**5.30 p.m. – 7.30 p.m.**
		Malakoff Auditorium
Venue	:	**Ground Floor, Wisma IEM,**
		Petaling Jaya, Selangor
Speaker	:	**Dr. Kazutaka OTSUSHI**

SYNOPSIS

The application of Hat type steel sheet pile can improve the performance of retaining wall, revetment, wharf, and so on because of its features and advantages as compared with conventional sheet pile. Hat type sheet pile has 900mm width, which is the widest among the hot-rolled monopiles in the world, thus it can reduce the number of sheet piles required for the wall elongation, total construction periods and costs.

Furthermore, as technical perspective, Hat type sheet pile can achieve full-shear force transmission at the interlocks because their connections are located at the outer edge of the wall. To verify this performance as compared with conventional one, a lateral load test had been conducted in Singapore, which is based on ground conditions specified to ASEAN.

As the result, it is confirmed that the flexural stiffness of Hat type sheet pile is higher than conventional one, because its interlocks could achieve the full-share transmission mode in contrast to the reduction of share force transmission of conventional U type sheet pile wall, according to structural theory. This indicates that the application of Hat type sheet pile can contribute for the improvement of structural reliability, and construction productivity in Malaysia.

ANNOUNCEMENT TO NOTE FEES

(Effective 1st October 2017)

Members

Registration Fee	:	No Charge
Administrative Fee	:	
Online		RM15
Walk In		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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"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion'. For intending participants who choose to 'walk in without prior registration', IEM SHALL NOT be responsible for any direct or consequential losses".

SPEAKER BIODATA

Dr. Kazutaka OTSUSHI,
Senior Manager,
Nippon Steel Southeast Asia Pte Ltd

Dr. Otsushi graduated from Civil Engineering at Kyoto University, Japan, in 2002. He, then, obtained his Doctoral Degree (Dr. Eng.), and engaged in Geotechnical, Earthquake, Disaster Prevention Engineering.

Dr. Otsushi is currently a Senior Manager with Nippon Steel Southeast Asia Pte, Ltd. as civil engineer, covering the region that includes Malaysia, Singapore, Philippines and ASEAN Countries. He is in-charged of Research & Development, Market Development in ASEAN and Technical Support of Steel Sheet Pile Technology, Design and Construction in Singapore

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

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