

TECHNICAL TALK ON
“MESH APPLICATION AND CONSTRUCTION QUALITY ENFORCEMENT IN SINGAPORE”
&

“PRODUCT CERTIFICATION MS145 :

2014 STEEL FABRIC FOR REINFORCEMENT OF CONCRETE”

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

BEM Approved CPD/PDP: 2.0 Hours

Ref No: IEM20/HQ/004/T

Date : 06TH FEBRUARY 2020 (THURSDAY)
Time : 5.30 p.m. – 7.30 p.m.
Malakoff Auditorium
Venue : Ground Floor, Wisma IEM,
Petaling Jaya, Selangor
Speakers : MR. SARAVANAN NATARAJAN &
MR. HASNOL BIN ZAKARIA

SYNOPSIS

Session 1:

Construction productivity and quality could be enhanced by factory fabricated reinforcement solutions. One such solution is the welded wire fabric or commonly known as Mesh. Manpower required, construction time and quality can be greatly enhanced by the use of mesh for various structural elements like slab, wall, beam, column etc. This presentation focuses on the various mesh application scenarios in Singapore, the quality standards and how construction quality is enforced through the independent QP(S) system.

Session 2:

The presentation focuses on explaining the complete certification process for wire mesh products (MS145 : 2014). The scope of presentation covers the definition of the product certification, reference standards used for product certification, certification process, types and manufacturing process for wire mesh production, marking on the certified products, issues encountered during market surveillance and identification for the certified products.

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

PERSONAL DATA PROTECTION
ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data

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Name:

Membership No.:

Signature:

“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”.

SPEAKERS BIODATA



Mr. SARAVANAN NATARAJAN is working with NatSteel Holdings Pte Ltd for the past 20 years. During his tenure, he has contributed to the various functions in NatSteel and is currently the Asst. Vice President in the Marketing department responsible for development and marketing of new products and services. He is also the member and secretary of SS560 work group and also plays an active role in SEAISI (South East Asia Iron & Steel Institute) Subcommittee on Steel Application in the construction industry. Prior to joining NatSteel he has worked with various engineering firms across Asia. He also delivers guest lectures at BCA Academy, IES and Tertiary institutes in Singapore.

Qualifications and Memberships

- M.Sc (Geotech) of Nanyang Technological University (2003)
- M.Eng. (Structural) of Anna University (1993)
- B.Eng. (Civil) of Madras University (1991)
- Senior Member of the Institution of Engineers, Singapore
- Member & Secretary of the WG of Singapore Standards SS560:2016

Expertise

Saravanan is a specialist in downstream steel solutions such as Cut & Bend, Mesh, Prefabricated Cages, Carpet Reinforcement etc. He has done extensive work on design, development and promotion of these solutions to various stakeholders in the Singapore construction industry.



MR. HASNOL ZAKARIA has been working for 23 years, mainly in the manufacturing and certification industries. He is currently the Senior Auditor, Mechanical Group in Industrial & Consumer Certification & Inspection Section, Product Certification and Inspection Department of SIRIM QAS International Sdn. Bhd. He started his career in SIRIM QAS International in 2008 as Senior Technical Executive, Vehicle Component Laboratory in Mechanical Testing Services Section.

Hasnol has worked for Malaysia Sheet Glass as Section Manager in the Safety Glass Division and SONY Technology Malaysia Sdn. Bhd. as Production Engineer, SMT Department for DVD products.

Qualifications and Memberships

- Masters in Engineering Management from University of Technology MARA
- BSc in Mechanical Engineering from University of Technology MARA
- Diploma Mechanical Engineering from University of Technology Malaysia