

REGISTRATION FORM

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APPLICABLE FOR NON-IEM MEMBERS ONLY

Name(s)	I/C No

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(Please write clearly as the "Information Update will be sent via email)

Contact Person: _____ Designation: _____

Signature: _____ Date: _____

Terms & Conditions:

- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes.
- In view of the limited places available, intending participants are advised to send their registrations as early as possible to avoid disappointment.

Important Note:

IEM members are required to produce their membership cards for CPD scanning at the start and end of the course.

ONE DAY SEMINAR ON “DESIGN AND APPLICATIONS OF COLD FORMED STEEL IN BUILDING”

Organised and hosted by
Civil and Structural Engineering Technical Division,
The Institution of Engineers, Malaysia
In Collaboration with
NS BlueScope Malaysia Sdn Bhd

Date : 21st March 2017 (Tuesday)
Venue : SUNWAY RESORT HOTEL & SPA,
BANDAR SUNWAY, SELANGOR
Time : 8.30 a.m. – 5.30 p.m.
Speaker : Mr. Ken Watson, Prof. Emad Gad & Mr. Jack Chum

BEM Approved CPD Hours : IEM17/HQ/078/S (6.0 Hours)

**REGISTRATION FEES – FREE OF CHARGE (FOC)
LIMITED TO 100 SEATS ONLY
‘FIRST-COME-FIRST-REGISTRATION BASIS’**

**MEMBERS OF IEM
REGISTRATIONS STRICTLY VIA
‘ONLINE REGISTRATION’**

**Closing Date of Registration : 17 MARCH 2017 (5.00 p.m.) or
WHEN THE NUMBER OF PARTICIPANTS REACHED 100**

SYNOPSIS

This is a one-day specialized workshop providing intimate understanding of the design requirements and the application of cold-formed steel in buildings. This workshop will feature three distinguished keynote speakers in the area of application of cold-formed steel. This workshop will present background, requirements of Standards and step by step design method based on NASH. This knowledge can be applied by practicing engineers, designers, academician, and the industry to broaden their knowledge-base relating to, cold-formed steel and its relevant standards or codes. This workshop excellent to the issues that can be encountered in steel structural design on seismic and how these problems can be overcome.

Seminar Objectives:

- To promote cold-formed steel as choice building material to the Malaysian construction industry.
- To promote sound engineering understanding, guidelines and policies in using cold-formed steel structures in Malaysia.
- To create better design awareness for designers and engineers cold-formed steel design.
- To make available a platform for the acquisition of knowledge directly from the leading researchers of the industry.
- To provide a forum for exchange of view among various sector of steel industry in Malaysia on latest technical issues and topics.

SPEAKERS

SPEAKER 1

Mr. KEN WATSON

Ken Watson is the Executive Director of NASH. A professional engineer, Ken has extensive experience in the steel industry having worked in management, design, market research and development. He is the author of a range of technical publications and Chair of the NASH Standards Committee which developed the NASH Standards Part 1 "Residential and Low-Rise Framing – Design Criteria", Part 2 "Residential and Low Rise Steel Framing – Design Solutions", and the NASH Standard for Steel framed Construction in Bushfire Areas.

SPEAKER 2

Prof. EMAD GAD

Emad Gad is the Dean of Engineering at Swinburne University of Technology, Australia. He is a civil engineer with extensive experience in structural dynamics, residential construction, structural connections, experimental techniques and modelling. His applied research has contributed to the development of several standards and codes of practice.

He is Chair of the Board of the Australian Engineered Fasteners and Anchors Council (AEFAC), Co-Editor of the Australian Journal of Structural Engineering, appointment member of the Victorian Government Building Advisory Council (BAC) and Fellow of Engineers Australia.

SPEAKER 3

Mr JACK CHUM

Jack Chum is the Technical Marketing Manager for NS BlueScope Malaysia. He is responsible for Product Innovation and Technical Service for NS BlueScope Coated Products covering ASEAN. He has more than 12 years of experience in steel related industries and he has been involved in Process Improvement, Quality Assurance, Product Failure Analysis, Product Development and Product Specification. He had assisted the company in developing technology such as THERMATECH® and REFLECT™ technology to increase solar reflectance properties of coated steel as part of the latest environmental friendly initiative. He is also a member of Technical Committee (TC) with SIRIM Berhad in setting up Malaysia Standard (MS) for Alloy Steel and Coated Steel such as MS 1196, MS 2657 and SIRIM Eco-Label for Coated Steel.

PROGRAMME :

Time	Programme
8.30 am	Registration and Welcome Coffee / Tea
9.00 am	Welcome Address
9.15 am	Introduction to CFS, Typical Applications and NASH Standards Ken Watson; NASH, Australia
10.15 am	Morning Tea Break
10.30 am	Introduction to Design of Members – Effective Width and Direct Strength Methods Emad Gad; Swinburne University Of Technology, Australia
11.30 am	Design of Frames Using NASH Standards Ken Watson; NASH, Australia
12.30 am	Lunch
1.30 pm	Sustainability and Durability of Coated Steel for Lightweight Steel Framing Jack Chum; NS Bluescope Malaysia Sdn Bhd
2.30 pm	Lateral Loading and Bracing – Wind and Earthquakes Emad Gad; Swinburne University Of Technology, Australia
3.00 pm	Hands-On Session – Construct Using Enduroframe Enduroframe® System Rollformer
3.30 pm	Afternoon Tea Break
3.45 pm	Fire and Acoustics Ken Watson; NASH, Australia
4.30 pm	Design by Testing Emad Gad; Swinburne University Of Technology, Australia
5.15 pm	Questions and Discussion
5.30 pm	End of Seminar