



SEMINAR ON MALAYSIA NATIONAL ANNEX TO EUROCODE 8 - DESIGN OF STRUCTURES FOR EARTHQUAKE RESISTANCE

11 October 2018 (Thursday), Concorde Hotel, Shah Alam

Introduction

The Department of Standards Malaysia, a government agency under the Ministry of Energy, Science, Technology, Environment & Climate Change has established the Malaysia National Annex, which was developed by Working Group 1 on Determination of PGA under Local and Far Field Seismic Condition, under the supervision of Technical Committee on Earthquake both are committees under the purview of ISC D (Building, Construction and Civil Engineering). At the same time, a special committee consisting of Malaysian experts from various organisations has been formed as part of the team in the establishment of the Malaysian earthquake standards for Malaysia.

The time and effort taken in preparing the draft Malaysia National Annex to MS EN 1998-1 deserves much credit. The development of this National Annex was initiated in 2007 until its publication in 2017. In 2009, relevant international and foreign standards had been studied as part of the preparation of the draft. The TC on Earthquake, which was then managed and chaired by IEM, had also organised a series of events, including symposiums and workshops from 2011 to 2013 that caught the interest of both local and international experts. In 2016, due to the overwhelming comments received, the draft underwent major changes to incorporate the Malaysian interest, mainly the elements of public safety.

With the expanded committee that engaged both industries and academia, the Malaysia National Annex to MS EN 1998-1 has been successfully published. It contains information on Nationally Determined Parameters to be used for the design of buildings and civil engineering works to be constructed in Malaysia. These Nationally Determined Parameters are to be read in conjunction with MS EN 1998-1:2015, *Eurocode 8: Design of structures for earthquake resistance - Part 1: General rules, seismic actions and rules for buildings*. Reference can be made to other parts of BS EN 1998, where applicable.

Target Groups

- Building contractors
- Consulting engineer
- Government agency/Local authorities/Regulatory agency
- Universities/Academia/Researcher

Objectives

- To impart understanding on the earthquake design principles including the performance requirements and compliance criteria
- To promulgate Nationally Determined Parameters for Malaysia which include the application of informative annexes, country specific data (geographical, climatic, etc.)
- To guide user in the implementation of MS EN 1998-1 for building design

TENTATIVE PROGRAMME

8.30 am	Arrival and Registration
9.00 am	Paper 1: Introduction to National Annex EC8 Ir. Kamaluddin Abdul Rashid Chairman, WG1 – Determination of PGA for Malaysia/ Member of TC on Earthquakes Deputy Director General (Building Sector), Public Works Department Malaysia (JKR)
10.00 am	Refreshment
10.30 am	Paper 2: Earthquake in Malaysia Dr. Mohd. Rosaidi Che Abas Committee member of TC on Earthquakes Committee member of WG1 – Determination of PGA for Malaysia/ Former Deputy Director General (Operational), Malaysian Meteorological Department (MMD)
11.30 am	Paper 3: Active Faults in Malaysia Professor Dr. Felix Tongkul Member of TC on Earthquakes Committee Member of WG1 – Determination of PGA for Malaysia/ Director of Natural Disasters Research Centre, Faculty of Science and Natural Resources, Universiti Malaysia Sabah (UMS)
12.30 pm	Lunch
2.00 pm	Paper 4: Seismic Hazard Assessment Professor Dr. Azlan Adnan Member of TC on Earthquakes Committee Member of WG1 – Determination of PGA for Malaysia/ Department of Structure & Materials, Faculty of Civil Engineering Universiti Teknologi Malaysia (UTM)
3.00 pm	Paper 5: Design of Buildings using EC8 Ir. Professor Dr. Jeffrey Chiang Choong Luin Committee member and former Chairman of TC on Earthquakes, Vice-President of The Institution of Engineers Malaysia (IEM) Chairman of Corporate Affairs, The Institution of Engineers Malaysia (IEM)/Professor of Civil Engineering, Faculty of Engineering & the Built Environment, SEGi University
4.00 pm	Panel Discussion and Q&A Session Moderator: Ir. Kamaluddin Abdul Rashid Panelists: All Speakers
4.30 pm	Refreshment and End of Seminar

Notes: All package including Certificate of attendance, lunch and refreshments.

Login for online registration: www.sirimsts.my/



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CONTACT US:

03-5544 6329 (Zarinah)/
zarinah@sirim.my

03-5544 6341 (Badariah)/
badariah@sirim.my

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Fees:
RM250.00

*Group Discounts:

3 - 4 participants: 5% & 5 or more
participants: 10%



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PURCHASE OF MALYSIAN STANDARDS

Please tick (/) in the column below if you wish to purchase the MS and would like to receive the document (s) on the seminar day. Please return this page together with the **Registration Form** to us at **03 5510 8830 (fax)** and email: rohayah@sirim.my

For more information on the purchase of these documents, please contact **Ms. Shamsidar Lokman** at **03 5544 6111**, email: sidar@sirim.my. These documents are also available at www.msonline.gov.my

LIST OF MALYSIAN STANDARDS SEMINAR ON MALAYSIA NATIONAL ANNEX TO EUROCODE 8 - DESIGN OF STRUCTURES FOR EARTHQUAKE RESISTANCE

NO.	LIST OF MS	TITLE	Price (s) (RM)	QTY	PLEASE TICK (/)
1.	MS EN 1998-1:2015	EUROCODE 8: DESIGN OF STRUCTURES FOR EARTHQUAKE RESISTANCE - PART 1: GENERAL RULES, SEISMIC ACTIONS AND RULES FOR BUILDINGS	240		
2.	MS EN 1998-1:2015 (NATIONAL ANNEX:2017),	MALAYSIA NATIONAL ANNEX TO EUROCODE 8: DESIGN OF STRUCTURES FOR EARTHQUAKE RESISTANCE - PART 1: GENERAL RULES, SEISMIC ACTIONS AND RULES FOR BUILDINGS	40		
3.	MS EN 1991-1-1:2010	EUROCODE 1: ACTIONS ON STRUCTURES - PART 1-1: GENERAL ACTIONS - DENSITIES, SELF-WEIGHT, IMPOSED LOADS FOR BUILDINGS	50		
4.	MS EN 1991-1-1:2010 (NA)	NATIONAL ANNEX FOR EUROCODE 1: ACTIONS ON STRUCTURES - PART 1-1: GENERAL ACTIONS - DENSITIES, SELF-WEIGHT, IMPOSED LOADS FOR BUILDINGS	20		
5.	MS EN 1990:2010	EUROCODE - BASIS OF STRUCTURAL DESIGN	120		
6.	MS EN 1990:2010 (NA)	NATIONAL ANNEX FOR EUROCODE - BASIS OF STRUCTURAL DESIGN	20		
7.	MS EN 1992-1-1:2010	EUROCODE 2: DESIGN OF CONCRETE STRUCTURES - PART 1-1: GENERAL RULES AND RULES FOR BUILDINGS	230		
8.	MS EN 1992-1-1:2010 (NA)	NATIONAL ANNEX FOR EUROCODE 2: DESIGN OF CONCRETE STRUCTURES - PART 1-1: GENERAL RULES AND RULES FOR BUILDINGS	30		
9.	MS EN 1993-1-1:2010	EUROCODE 3: DESIGN OF STEEL STRUCTURES - PART 1-1: GENERAL RULES AND RULES FOR BUILDING	100		
10	MS EN 1993-1-1: 2010 (NA)	NATIONAL ANNEX FOR EUROCODE 3: DESIGN OF STEEL STRUCTURES - PART 1-1: GENERAL RULES AND RULES FOR BUILDING	20		