



MALAYSIAN STANDARD

**MS EN 1991-1-1:2010
(NATIONAL ANNEX)**

MALAYSIA NATIONAL ANNEX TO EUROCODE 1: ACTIONS ON STRUCTURES - PART 1-1: GENERAL ACTIONS - DENSITIES, SELF-WEIGHT, IMPOSED LOADS FOR BUILDINGS

ICS: 91.010.30

Descriptors: national annex, eurocode, action, densities, self-weight, imposed loads

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Committee representation

The Industry Standards Committee on Building, Construction and Civil Engineering (ISC D) under whose authority this Malaysian National Annex was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Irrigation and Drainage
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerja Raya Malaysia
Malaysian Timber Industry Board
Master Builders Association Malaysia
Ministry of Energy, Green Technology and Water
Ministry of International Trade and Industry
National Housing Department
Pertubuhan Akitek Malaysia
SIRIM Berhad (Secretariat)
The Chartered Institute of Building Malaysia
The Institution of Engineers, Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Code of Practice for Design of Concrete Structures which developed this Malaysia National Annex was managed by The Institution of Engineers, Malaysia (IEM) in its capacity as an authorised Standards-Writing Organisation and consists of representatives from the following organisations:

Arup Jururunding Sdn Bhd
Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Jabatan Kerja Raya Malaysia
Masters Builders Association Malaysia
Perunding Bersatu
Perunding Hashim & Neh Sdn Bhd
The Cement and Concrete Association of Malaysia
The Institution of Engineers, Malaysia (Secretariat)
The Institution of Structural Engineers, (Malaysia Division)
Universiti Malaya
Universiti Teknologi Malaysia
Universiti Teknologi MARA
Universiti Tenaga Nasional
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FOREWORD

The Malaysia National Annex was developed by the Technical Committee on Code of Practice for Design of Concrete Structures under the authority of the Industry Standards Committee on Building, Construction and Civil Engineering. Development of this national annex was carried out by The Institution of Engineers, Malaysia which is the Standards-Writing Organisation (SWO) appointed by SIRIM Berhad to develop standards for concrete structures.

This Malaysia National Annex shall be used together with MS EN 1991-1-1:2010, *Eurocode 1: Actions on structures - Part 1-1: General actions - Densities, self-weight, imposed loads for buildings*.

Acknowledgement is given to BSI for the use of information from *UK National Annex to Eurocode 1: Actions on structures - Part 1-1: General actions - Densities, self-weight, imposed loads for buildings*.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.