

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

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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

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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.