



MALAYSIAN STANDARD

**MS EN 1990:2010
(NATIONAL ANNEX:2024)**

**Malaysia National Annex to MS EN 1990:2010 -
Eurocode basis of structural design
(First revision)**

ICS: 13.020.20

Descriptors: environmental economics, sustainability

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Committee representation

The National Standards Committee on Building, Construction and Civil Engineering (NSC 04) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Irrigation and Drainage Malaysia
Department of Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerajaan Tempatan Malaysia
Jabatan Kerja Raya Malaysia
Malaysian Iron and Steel Industry Federation
Malaysian Timber Industry Board
Master Builders Association Malaysia
Ministry of Investment, Trade and Industry
Pertubuhan Arkitek Malaysia
Real Estate and Housing Developers' Association Malaysia
Suruhanjaya Perkhidmatan Air Negara
The Cement and Concrete Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Putra Malaysia
Universiti Sains Malaysia
Universiti Teknologi MARA

The Technical Committee on Code of Practice for Design of Concrete Structure (NSC 04/TC 21) which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Standards Malaysia (Secretariat)
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerja Raya Malaysia
Jabatan Kerja Raya Negeri Sabah
Jabatan Kerja Raya Negeri Sarawak
Master Builders Association Malaysia
Perunding Hashim dan NEH Sdn Bhd
Sepakat Setia Perunding Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Malaya
Universiti Teknologi Malaysia
Universiti Teknologi MARA
Universiti Tenaga Nasional
W Lee & Associates Sdn Bhd
YL Design Consultancy Services

The Working Group on Design of Concrete Bridges (NSC 04/TC 21/WG 2) which recommended the adoption of the EN Standard as Malaysian Standard consists of representatives from the following organisations:

Department of Standards Malaysia (Secretariat)
Evenfit Consult Sdn Bhd
H&T Consulting Engineers Sdn. Bhd.
Jabatan Kerja Raya Malaysia
Perunding ZKR Sdn Bhd
University of Nottingham Malaysia
YL Design Consultancy Services

Foreword

This Malaysia National Annex was developed by the Working Group on Design of Concrete Bridges (NSC 04/TC 21/WG 2) under the authority of the National Standards Committee on Building, Construction and Civil Engineering (NSC 04).

This Malaysia National Annex shall be used together with MS EN 1990:2010, *Eurocode - Basis of Structural Design*.

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