



MALAYSIAN STANDARD

MS EN 1992-3:2021

Eurocode 2: Design of concrete structures - Part 3: Liquid retaining and containment structures

ICS: 91.100.30, 91.080.40

Descriptors: Concrete structures, Liquid retaining and containment structure

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Committee representation

The National Standards Committee on Building, Construction and Civil Engineering (NSC D) 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
Jabatan Kerja Raya
Malaysian Iron and Steel Industry Federation
Malaysian Timber Industry Board
Master Builders Association Malaysia
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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 Malaysia

The Technical Committee on Code of Practice for Design of Concrete Structure (TC/D/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
Jabatan Kerja Raya Negeri Sabah
Jabatan Kerja Raya Negeri Sarawak
Master Builders Association Malaysia
Perunding Hashim dan NEH Sdn Bhd
The Cement and Concrete Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Malaya
Universiti Teknologi Malaysia
Universiti Tenaga Nasional

The Working Group on Liquid Retaining and Containment Structures (WG/D/21-1) which developed this Malaysian Standard consists of representatives from the following organisations.

Associated Builders and Contractors Sdn. Bhd.
Department of Standards Malaysia (Secretariat)
Perunding Hashim dan NEH Sdn. Bhd
SEGI University
Sepakat Setia Perunding Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Tenaga Nasional

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National foreword

The adoption of the EN Standard as a Malaysian Standard was recommended by the Working Group on Liquid Retaining and Containment Structures (WG/D/21-1) under the authority of The National Standards Committee on Building, Construction and Civil Engineering (NSC D)

This Malaysian Standard is identical with EN 1992-3:2006, *Eurocode 2 - Design of concrete structures - Part 3: Liquid retaining and containment structures*, published by the European Committee for Standardization (CEN). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this European Standard " should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) reference to European Standards should be replaced by corresponding Malaysian Standards as follows:

Referenced European Standards

Corresponding Malaysian Standards

EN 1990, *Eurocode, Basis of structural design*

MS EN 1990, *Eurocode - Basis of structural design*

EN 1992-1-1, *Eurocode 2, Design of concrete structures – Part 1.1: General rules and rules for buildings*

MS EN 1992-1-1, *Eurocode 2, Design of concrete structures – Part 1.1: General rules and rules for buildings*

EN 1997, *Eurocode 7: Geotechnical design*

MS EN 1997-1, *Eurocode 7: Geotechnical design - Part 1: General rules*

MS EN 1997-2, *Eurocode 7: Geotechnical design - Part 2: Ground investigation and testing*