



MALAYSIAN STANDARD

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**

ICS: 91.120.25

Descriptors: earthquake, seismic design, structure, PGA, site natural period, hybrid response, spectrum, return period

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Committee representation

The Industry Standards Committee on Building, Construction and Civil Engineering (ISC 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
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
Pertubuhan Akitek Malaysia
Pertubuhan Perancang Malaysia
Projek Lebuhraya Utara-Selatan Berhad
Real Estate and Housing Developers' Association Malaysia
SIRIM Berhad (Secretariat)
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 Earthquake 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 Mineral and Geoscience Malaysia
Department of Standards Malaysia
HSS Integrated Sdn Bhd
Jabatan Kerja Raya
Lembaga Getah Malaysia
Malaysian Meteorological Department
Master Builders Association Malaysia
MC Hee & Associates Consulting Engineers
Pertubuhan Akitek Malaysia
Perunding Bersatu
SIRIM Berhad (Secretariat)
Tesonic (M) Sdn Bhd
The Institution of Engineers, Malaysia
The Institution of Engineers, Malaysia (GETD)
The Institution of Structural Engineers, Malaysia Regional Group
Universiti Kebangsaan Malaysia
Universiti Malaya
Universiti Malaysia Sabah
Universiti Sains Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi MARA
Universiti Tunku Abdul Rahman
W Lee & Associates Sdn Bhd
YL Design Consultancy Services

Co-opted members:

Department of Mineral and Geoscience Malaysia (Sabah)
Jabatan Kerja Raya Sabah
Jabatan Kerja Raya Sarawak
The Institution of Engineers, Malaysia (Sabah)

Committee representation *(continued)*

The Working Groups which developed this Malaysian Standard consist of representatives from the following organisations:

Working Group 1 on Determination of PGA under Local and Far Field Seismic Condition

Association of Consulting Engineers Malaysia
Association of Consulting Engineers Malaysia (Sabah)
Association of Consulting Engineers Malaysia (Sarawak)
Construction Industry Development Board Malaysia
Department of Mineral and Geoscience Malaysia
Jabatan Kerja Raya
Jabatan Kerja Raya Sarawak
Jabatan Perancangan Bandar dan Desa
Malaysian Meteorological Department
MC Hee & Associates Consulting Engineers
Perunding Hashim & NEH Sdn Bhd
Sabah Housing and Real Estate Developers Association
SIRIM Berhad (Secretariat)
Universiti Malaya
Universiti Malaysia Sabah
Universiti Malaysia Sarawak
Universiti Putra Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi MARA

Co-opted member:

Sarawak Energy Berhad

Working Group 2 on Vulnerability of Concrete Structures

The Institution of Engineers, Malaysia

Working Group 3 on Geotechnical

The Institution of Engineers, Malaysia

Working Group 4 on Nonstructural Elements

Integrated Brickworks Sdn Bhd
Pertubuhan Akitek Malaysia
The Institution of Engineers, Malaysia
The Institution of Structural Engineers, Malaysia Regional Group
The Royal Institution of Surveyors, Malaysia
Zenbes Sdn Bhd

Working Group 5 on Base Isolations

Doshin Rubber
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