



MALAYSIAN STANDARD

MS EN 1993-1-3:2019

**Eurocode 3 - Design of steel structures -
Part 1-3: General rules - Supplementary
rules for cold-formed members and sheeting**

ICS: 91.010.30

Descriptors: cold-formed, eurocode, steel, structure, design

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For further information on Malaysian Standards, please contact:

Department of Standards Malaysia
Level 1 & 2, Block 2300, Century Square
Jalan Usahawan
63000 Cyberjaya
Selangor Darul Ehsan
MALAYSIA

Tel: 60 3 8318 0002
Fax: 60 3 8319 3131
<http://www.jsm.gov.my>
E-mail: central@jsm.gov.my

Developed by:

SIRIM Berhad
(Company No. 367474 - V)
1, Persiaran Dato' Menteri
Section 2, P. O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA

Committee representation

The Industry Standards Committee on Building, Construction and Civil Engineering (ISC D) under whose authority this Malaysian Standard was adopted, 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
Fire and Rescue Department Malaysia
Local Government Department
Malaysian Iron and Steel Industry Federation
Malaysian Timber Industry Board
Master Builders Association Malaysia
National Water Services Commission
Pertubuhan Akitik Malaysia
Projek Lebuhraya Usahasama Berhad
Public Works Department Malaysia
Real Estate and Housing Developers' Association Malaysia
SIRIM Berhad (Secretariat)
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 Structural Steel which supervised the adoption of the EN Standard as Malaysian Standard consists of representatives from the following organisations:

Alpine Pipe Manufacturing Sdn Bhd
Construction Industry Development Board Malaysia
Malaysian Iron and Steel Industry Federation
Malaysian Structural Steel Association
Master Builders Association Malaysia
M.C. Hee & Associates Sdn Bhd
Melewar Steel Tube Sdn Bhd
NS Bluescope Lysaght Malaysia Sdn Bhd
Public Works Department Malaysia
Shin Eversendai Engineering (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SSM Associates Sdn Bhd
STAM Engineering Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Malaya
Universiti Teknologi Malaysia
YL Design Consultancy Services

The Working Group on Cold-formed Steel Structure which recommended the adoption of the EN Standard as Malaysian Standard consists of representatives from the following organisations:

Alpine Pipe Manufacturing Sdn Bhd
Curtin University (Malaysia Campus)
Malaysia Cold Formed Steel Institute
Malaysian Structural Steel Association
Melewar Steel Tube Sdn Bhd
Public Works Department Malaysia
SIRIM Berhad (Secretariat)
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Malaya
Universiti Teknologi Malaysia
YL Design Consultancy Services

National foreword

The adoption of the EN Standard as a Malaysian Standard was recommended by the Working Group on Cold-formed Steel Structure under the authority of the Industry Standards Committee on Building, Construction and Civil Engineering.

This Malaysian Standard is identical with EN 1993-1-3:2006, *Eurocode 3 - Design of steel structures - Part 1-3: General rules - Supplementary rules for cold-formed members and sheeting*, 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:

<u>Referenced European Standards</u>	<u>Corresponding Malaysian Standards</u>
EN 1993-1-1, <i>Eurocode 3 - Design of steel structures - Part 1.1: General rules and rules for buildings</i>	MS EN 1993-1-1, <i>Eurocode 3 - Design of steel structures - Part 1-1: General rules and rules for building</i>
EN 1993-1-8, <i>Eurocode 3 - Design of steel structures - Part 1-8: Design of joints</i>	MS EN 1993-1-8, <i>Eurocode 3 - Design of steel structures - Part 1-8: Design of joints</i>
EN 10025-1, <i>Hot rolled products of structural steels - Part 1: General technical delivery conditions</i>	MS EN 10025-1, <i>Hot rolled products of structural steels - Part 1: General technical delivery conditions</i>
EN 10025-2, <i>Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels</i>	MS EN 10025-2, <i>Hot rolled products of structural steels - Part 2: Technical delivery conditions for non-alloy structural steels</i>
EN 10025-3, <i>Hot rolled products of structural steels - Part 3: Technical delivery conditions for normalizes/normalized rolled weldable fine grain structural steels</i>	MS EN 10025-3, <i>Hot rolled products of structural steels - Part 3: Technical delivery conditions for normalizes/normalized rolled weldable fine grain structural steels</i>
EN 10025-4, <i>Hot rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels</i>	MS EN 10025-4, <i>Hot rolled products of structural steels - Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels</i>

National foreword (continued)

Referenced European Standards

EN 10326, *Continuously hot-dip coated strip and sheet of structural steels - Technical delivery conditions*

EN ISO 1479, *Hexagon head tapping screws*

ISO 4997, *Cold reduced steel sheet of structural quality*

Corresponding Malaysian Standards

MS 2384, *Continuous hot-dip zinc-coated carbon steel sheet of structural quality, and*

MS 2657, *Continuous hot-dip metallic coated steel sheet and strip - Coatings of zinc alloyed with aluminium and magnesium*

MS ISO 1479, *Hexagon head tapping screws*

MS ISO 4997, *Cold reduced steel sheet of structural quality*

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