



MALAYSIAN STANDARD

MS 544 : PART 5 : 2001

CODE OF PRACTICE FOR STRUCTURAL USE OF TIMBER : PART 5 : TIMBER JOINTS

ICS : 91.080.20

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Committee representation

The Building and Civil Engineering Industry Standards Committee (ISC D) under whose supervision this Malaysian Standard was developed, comprises representatives from the following Government Ministries, Trade, Commerce and Manufacturing Associations, and Scientific and Professional Bodies:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Standards Malaysia
Department of Occupational Safety and Health
Jabatan Bomba dan Penyelamat
Pertubuhan Akitik Malaysia
Master Builders Association Malaysia
Ministry of Housing and Local Government (Housing Department)
Ministry of Works (Public Works Department)
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia

The development of this Malaysian Standard is under the supervision of the following representatives of the CIDB Standard Committee :

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Puan Hanishahani Othman	The Secretary of CIDB Standard Committee

The Technical Committee on Structural Use of Timber which developed this Malaysian Standard consists of the following representatives :

Dr. Abdul Rashid bin Hj. Ab. Malik (Chairman)	Forest Research Institute Malaysia
Puan Hanishahani Othman (Secretary)	Construction Industry Development Board Malaysia
Tuan Hj. Mohd Shukari bin Midon	Forest Research Institute Malaysia
Encik Hilmi bin Md. Tahir	Jabatan Kerja Raya Malaysia
Encik Chow Wah/ Puan Dang Anom Md. Zin	Jabatan Perumahan Negara
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Prof. Dr. Zainai bin Mohamed/ Dr. Abd. Latif bin Saleh	Universiti Teknologi Malaysia
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Committee representation *(continued)*

The Working Group on Timber Joints which developed this Malaysian Standard consists of the following representatives:

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FOREWORD

This Malaysian Standard was developed by the Technical Committee on Structural Use of Timber established at the Construction Industry Development Board Malaysia (CIDB) under the authority of the Building and Civil Engineering Industry Standards Committee.

CIDB is the Standards-Writing Organisation (SWO) appointed by SIRIM Berhad to develop standards for the construction industry.

In the development of this standard, the following references were referred to:

- a) BS 5268 : Part 2 : 1996, Code of practice for permissible stress design, materials and workmanship; and
- b) AS 1720.1-1988, SAA Timber structures code : Part 1 - Design methods.

MS 544 consists of the following parts and sections, under the general title, 'Code of practice for structural use of timber' :

- Part 1 : General
- Part 2 : Permissible stress design of solid timber
- Part 3 : Permissible stress design of glued laminated timber
- Part 4 : Timber panel products
 - Section 1 : Structural plywood
 - Section 2 : Marine plywood
 - Section 3 : Cement bonded particleboard
 - Section 4 : Oriented strand board
- Part 5 : Timber joints
- Part 6 : Workmanship, inspection and maintenance
- Part 7 : Testing
- Part 8 : Design, fabrication and installation of prefabricated timber for roof trusses
- Part 9 : Fire resistance of timber structures
 - Section 1 : Method of calculating fire resistance of timber members
- Part 10 : Preservative treatment of structural timbers
- Part 11 : Recommendation for the calculation basis for span tables
 - Section 1 : Domestic floor joists
 - Section 2 : Ceiling joists
 - Section 3 : Ceiling binders
 - Section 4 : Domestic rafters
- Part 12 : Laminated veneer lumber for structural application.

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