



MALAYSIAN STANDARD

MS 26-1-8:2010

TESTING OF CONCRETE - PART 1: FRESH CONCRETE - SECTION 8: COMPACTING FACTOR TEST (SECOND REVISION)

ICS: 91.100.30

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CONTENTS

	Page
Committee representation	ii
Foreword.....	iii
1 Scope	1
2 Normative references	1
3 Principle.....	1
4 Apparatus	1
5 Test Sample	3
6 Procedure.....	3
7 Calculation and expression of results	5
8 Test Report.....	5
Table 1 Essential dimensions of the compacting factor apparatus.....	6
Figure 1 Compacting factor apparatus.....	2

MS 26-1-8:2010

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
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerajaan Tempatan
Jabatan Kerja Raya Malaysia
Malaysian Timber Industry Board
Master Builders Association Malaysia
Ministry of Energy, Water and Communications
Ministry of International Trade and Industry
National Housing Department
Pertubuhan Akitek Malaysia
SIRIM Berhad (Secretariat)
The Chartered Institute of Building Malaysia
The Institution of Engineers, Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Concrete and Concrete Products 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 Irrigation and Drainage
IKRAM QA Services Sdn Bhd
Jabatan Kerja Raya Malaysia
Jabatan Kerja Raya Malaysia (Cawangan Kejuruteraan Awam, Struktur dan Jambatan)
Jabatan Kerja Raya Malaysia (Cawangan Pangkalan Udara dan Maritim)
Master Builders Association Malaysia
National Ready Mixed Concrete Association of Malaysia
Pertubuhan Akitek Malaysia
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
The Cement and Concrete Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi MARA

The Working Group on Revision of MS 26: Part 1 which developed this Malaysian Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
National Ready Mixed Concrete Association of Malaysia
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
The Cement and Concrete Association of Malaysia
Universiti Teknologi MARA

FOREWORD

This Malaysian Standard was developed by the Working Group on Revision of MS 26: Part 1 under the authority of the Industry Standards Committee on Building, Construction and Civil Engineering.

This Malaysian Standard is the second revision of MS 26: Part 1, *Methods of testing concrete - Part 1: Methods of sampling fresh concrete (First revision)*.

Major modification in this revision are as follows:

- a) Figure 3.2. Types of slumps has been deleted; and
- b) incorporation of a new clause on weather and temperature under Test Report.

This MS 26-1 consists of the following sections, under the general title, *Testing of concrete - Part 1: Fresh concrete*:

Section 1: Sampling

Section 2: Slump test

Section 3: Vebe test

Section 4: Degree of compactability

Section 5: Flow table test

Section 6: Density

Section 7: Air content - Pressure methods

Section 8: Compacting factor test

CAUTION. When cement is mixed with water, alkali is released. Take precautions to avoid dry cement entering eyes, mouth and nose whilst mixing concrete. Prevent skin contact with wet cement or concrete by wearing suitable protective clothing. If cement or concrete enters the eye, immediately wash it out thoroughly with clean water and seek medical treatment without delay. Wash wet concrete off the skin immediately.

This Malaysian Standard cancels and replaces MS 26: Part 1:1991.

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