



MALAYSIAN STANDARD

**MS 30: PART 10:1995
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METHODS OF TESTING AGGREGATES : PART 10: METHODS FOR DETERMINATION OF AGGREGATE IMPACT VALUE (AIV) (FIRST REVISION)

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MS 30 : PART 10 : 1995

This Malaysian Standard, which had been approved by the Building and Civil Engineering Industry Standards Committee and endorsed by the Board of the Standards and Industrial Research Institute of Malaysia (SIRIM) was published under the authority of the SIRIM Board in August, 1995.

SIRIM wished to draw attention to the fact that this Malaysian Standard does not purport to include all the necessary provisions of a contract.

The Malaysian Standards are subject to periodical review to keep abreast of progress in the industries concerned. Suggestions for improvements will be recorded and in due course brought to the notice of the Committees charged with the revision of the standards to which they refer.

The following references relate to the work on this standard:

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Committee representation

The Building and Civil Engineering Industry Standards Committee under whose supervision this Malaysian Standard was prepared, comprises representatives from the following Government Ministries, trade, commerce and manufacturer associations and scientific and professional bodies.

The Institution of Engineers Malaysia

Malaysian Institute of Architects

Master Builders' Association

Ministry of Housing and Local Government (Housing Department)

University of Technology Malaysia

Chartered Institute of Building (Malaysia)

Jabatan Kerja Raya Malaysia

The Working Group on Mineral Aggregates which prepared this Malaysian Standard consist of representatives from the following member organizations:

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FOREWORD

This Part of MS 30 has been prepared by the Working Group on Mineral Aggregate under the Building and Civil Engineering Industry Standards Committee. This standard is a revision of MS 30 : 1971, which is withdrawn. This Part of Malaysian Standard was based on BS 812 : Part 112 : 1990 Testing Aggregates, Part 112 : Methods for determination of aggregate impact value (AIV).

The methods described in this revision have not been changed technically from that given in MS 30 : 1971, but the opportunity has been taken to include a procedure for determining the aggregate impact value of aggregates in a soaked condition. This has been done because some aggregates have a significantly reduced resistance to impact when tested in this condition. With such aggregates, tests on soaked samples give a more reliable indication of their performance in practice.

It is intended that other Malaysian Standards should call up MS 30 test methods as the basis of compliance. Nevertheless, it is not intended that all aggregates should be subjected regularly to all the listed tests. Specifications in other standards should call up only relevant tests methods.

Reference should be made to MS 30 : Part 2 for general guidance on testing aggregates, precision of test methods and variance arising from sampling errors.

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