

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 3583.1—1998

**Methods of test for supplementary cementitious materials for use with portland
and blended cement**

Method 1: Determination of fineness by the 45 micrometre sieve

RECONFIRMATION NOTICE

Technical Committee BD-031 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 29 March 1998.

The following are represented on Technical Committee BD-031:

Amorphous Silica Association of Australia
Ash Development Association of Australia
Australasian (iron & steel) Slag Association
AUSTROADS
Bureau of Steel Manufacturers of Australia
Cement & Concrete Association of New Zealand
Cement Concrete & Aggregates Australia—Cement
Cement Concrete & Aggregates Australia—Concrete
Concrete Institute of Australia
Engineers Australia
The University of New South Wales
University of Technology, Sydney

NOTES

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PREFACE

This Standard was prepared by the Standards Australia Committee BD-031, Supplementary Cementitious Materials for Use with Portland and Blended Cement, to supersede AS 3583.1—1991, *Methods of test for supplementary cementitious materials for use with portland cement*, Method 1: *Determination of fineness by the 45 µm sieve*.

This Standard incorporates Amendment No. 1 (March 2007). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

This edition does not introduce new procedures. The changes are essentially editorial, correcting an error in the 1991 edition and simplifying the calculations. The calibration procedure involves addition (or subtraction) of the correction, which has been shown to be generally more accurate than a multiplication factor and errs on the conservative side for fine samples.

METHOD

1 SCOPE

This Standard sets out the reference method for determination of the fineness of supplementary cementitious materials by wet sieving.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1152 Specification for test sieves

1349 Bourdon tube pressure and vacuum gauges

3582 Supplementary cementitious materials for use with portland cement

3582.1 Part 1: Fly ash