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

## Method 1: Determination of fineness by the 45 micrometre sieve

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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.

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### 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