

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 1141.13–2007

Methods for sampling and testing aggregates
Method 13: Material finer than 2 µm

RECONFIRMATION NOTICE

Technical Committee CE-012 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 2018.

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NOTES

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Methods for sampling and testing aggregates

Method 13: Material finer than 2 μm

This Standard incorporates Amendment No. 1 (April 2016). 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.

1 SCOPE

This Standard sets out the method for the determination of material finer than 2 μm in aggregate. The test is carried out on the wash water obtained during the performance of AS 1141.12 or AS 1141.11 if the sample is washed.

A1

2 APPLICATION

The test has application as a diagnostic procedure but is not considered applicable for control purposes if the percentage of material finer than 75 μm is less than 1% for a coarse aggregate, or less than 4% for a fine aggregate.

3 NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this document.

AS

1141	Methods for sampling and testing aggregates
1141.1	Method 1: Definitions
1141.2	Method 2: Basic testing equipment
1141.11	Method 11: Particle size distribution by sieving
1141.12	Method 12: Materials finer than 75 μm in aggregates (by washing)

4 TERMS AND DEFINITIONS

For the purposes of this document, the terms and definitions given in AS 1141.1 apply.

5 APPARATUS

The following apparatus, complying with the relevant provisions of AS 1141.2, is required:

- (a) *Balance*—of adequate capacity with a limit of performance not exceeding ± 0.0005 g.
- (b) *Bath*—constant temperature bath, set to $25 \pm 0.1^\circ\text{C}$. The bath shall be vibration-free, and well illuminated.
- (c) *Beaker*—of approximately 250 mL capacity.
- (d) *Dessicator*—of 200–250 mm diameter, containing anhydrous silica gel.
- (e) *Glassware*:
 - (i) Petri dishes and covers.