STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 5101.3.3—2008
Methods for preparation and testing of stabilized materials
Method 3.3: Cement content of cement stabilized materials

RECONFIRMATION NOTICE

Technical Committee CE-009 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 20 January 2017.

The following are represented on Technical Committee CE-009:

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AS 5101.3.3—2008
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Australian Standard®

Methods for preparation and testing of stabilized materials

Method 3.3: Cement content of cement stabilized materials

1 SCOPE

This Standard sets out a method for determining the cement content of freshly mixed cement-stabilized materials. The method is suitable for field testing.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS		
1141	Methods for sampling and testing aggregates	
1141.1.1	Method 1:	Definitions
1141.2	Method 2:	Basic testing equipment
1289	Methods of testing soils for engineering purposes	
1289.1.2.1	Method 1.2.1	Sampling and preparation of soils—Disturbed samples—Standard method

3 DEFINITIONS

For the purpose of this Standard the definitions in AS 1141.1 apply.

4 APPARATUS

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

(a) *Balance*—of sufficient capacity with a limit of performance not exceeding ±5 g.

(b) *Thermometer*—graduated in 0.2°C divisions with an uncertainty of 0.1°C.

(c) *Measuring cylinder*—2000 mL in 20 mL graduations.

(d) *Sealable plastic jar*—approximately 5 L capacity.

(e) *Timer*.

5 REAGENT

The reagent to be used shall be buffered acetic acid solution of 240 g glacial acetic acid (technical grade) and 250 g sodium acetate (anhydrous, technical grade) made up to 1000 mL of solution with potable water, approximately 5.0 pH. The reagent shall be checked every 6 months to ensure that the acid concentration is correct or a new batch shall be made up.

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