

Australian Standard®

AS 1141.12:2015

Methods for sampling and testing aggregates

Method 12: Materials finer than 75 µm in aggregates (by washing)

PREFACE

This Standard incorporates Amendment No. 1 (December 2018). 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 the amount of material finer than 75 µm in aggregate, by washing (see Note).

NOTE: When samples have previously been tested using the methodology of AS 1141.11.1, Clause 5.6, which is a requirement when the passing 75 µm is specified for that test method, it is not recommended to also test under AS 1141.12.

2 NORMATIVE REFERENCES

The following are the normative documents referenced in this Standard:

NOTE: Documents for informative purposes are listed in the Bibliography.

AS

1141 Methods for sampling and testing aggregates

1141.1 Part 1: Definitions

1141.2 Method 2: Basic testing equipment

[Text deleted]

3 DEFINITIONS

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

4 PRINCIPLE

Clay particles and other aggregate particles which are dispersed by the wash water and water soluble materials will be removed from the aggregate during the test for inclusion in the general term 'materials finer than 75 µm'.

5 APPARATUS

The following apparatus, conforming to the relevant provisions of AS 1141.2 and the requirements given below, is required:

- (a) *Balance*—of adequate capacity having a limit of performance of ±0.5 g. Where asphalt fillers are tested, the limit of performance of the balance shall be ±0.05 g.