

Australian Standard[®]

AS 1141.11.1—2009

Methods for sampling and testing aggregates

Method 11.1: Particle size distribution—Sieving method

This Standard incorporates Amendment No. 1 (February 2011) and Amendment No. 2 (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 particle size distribution in coarse and fine aggregates and fillers for asphalt by sieving. The amount passing a 75 µm sieve may be determined using AS 1141.12 or by this method when samples are washed over a 75 µm sieve. If the percentage of material passing a 75 µm sieve is specified, the procedures detailed in Clause 5.6 of this method or in AS 1141.12 apply.

The procedure for the determination of fine particle size distribution by decantation is described in AS 1141.19.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1141 Methods for sampling and testing aggregates
- 1141.1 Method 1: Definitions
- 1141.2 Method 2: Basic testing equipment
- 1141.12 Method 12: Materials finer than 75 µm in aggregates (by washing)
- 1141.13 Method 13: Materials finer than 2 µm
- 1141.19 Method 19: Fine particle size distribution in road materials by sieving and decantation

- 1152 Specification for test sieves
- 3638 Test sieving procedures

3 DEFINITIONS

A2 For the purposes of this Standard the definitions of AS 1141.1 apply.

3.1 'Text deleted'

3.2 'Text deleted'

3.3 'Text deleted'