

Australian/New Zealand Standard™

Methods for sampling and testing aggregates

Method 7: Apparent particle density of filler

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE-006, Asphalt and Sprayed Surfacing, to supersede AS 1141.7—1995.

The objective of this Standard is to set out the method for the determination of the apparent particle density of filler for asphalt.

The objective of this revision is to reflect current practices and place the bottle calibration procedure into an appendix.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard

METHOD

1 SCOPE

This Standard sets out the method for the determination of the apparent particle density of filler for asphalt.

NOTE: The apparent particle density is required to be ascertained in order to determine the voids in dry compacted filler by the method described in AS/NZS 1141.17.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1141 Methods for sampling and testing aggregates

1141.2 Method 2: Basic testing equipment

AS/NZS

1141.17 Method 17: Voids in dry compacted filler

3 DEFINITION

For the purpose of this Standard, the definition below applies.

3.1 Apparent particle density

The ratio of the mass of solids in air to volume of solids and impermeable voids, at 25°C, expressed in tonnes per cubic metre.