



Methods for sampling and testing aggregates

Method 11.2: Particle size distribution for vision sizing systems



AS 1141.11.2:2019

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- Australasian (iron & steel) Slag Association
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Preface

This Standard was prepared by the Standards Australia Committee CE-012, Aggregates and Rock for Engineering Purposes, to supersede AS 1141.11.2—2008, *Methods for sampling and testing aggregates, Method 11.2: Particle size distribution for vision sizing systems*.

The objective of this Standard is to set out the method for determining particle size distribution in coarse and fine aggregates by vision sizing systems (VSS). The VSS is limited by the discrimination of the optical system and, at present, is suitable for materials coarser than 1.18 mm.

This Standard provides an alternative method to the determination of particle size distribution to the traditional method of sampling production and then sizing using a set of standard sieves (AS 1141.11.1). With suitable equipment installed, the method allows for sampling, sizing and reporting in a production plant in near to real time.

The major changes in this edition are as follows:

- (a) Inclusion of this Preface.
- (b) Inclusion of an Introductory clause providing background on the technology.
- (c) Additional terms and definitions.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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