

Australian Standard®

AS 1141.30.1—2009

Methods for sampling and testing aggregates**Method 30.1: Coarse aggregate quality by visual comparison**

This Standard incorporates Amendment No. 1 (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 determining a quality classification of coarse aggregate by visual comparison with pre-prepared reference specimens.

The method is used to determine the proportion of particles in a sample with different quality characteristics which can be distinguished by visual characteristics. In some sources, it may be difficult to establish a rock quality classification based on visual comparison alone. In such cases the method is inappropriate.

The method requires that the rock source, or sources from which the test sample is derived, is known. Where a sample contains a combination of aggregate from different sources, each component of the combination must be from a visually recognizable source.

The method is appropriate for material up to 75 mm nominal size and tests that fraction of the material retained on the 4.75 mm sieve.

A procedure for preparing reference specimens is detailed in AS 1141.30.2. Reference specimens prepared in accordance with AS 1141.30.2 are necessary for the completion of this test.

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
1141.30.2	Method 30.2: Preparation of reference specimens for assessment of aggregate quality by visual comparison
1152	Specification for test sieves
2758	Aggregates and rock for engineering purposes (all parts)