

Australian Standard®

AS 1141.18—1996

Methods for sampling and testing aggregates

Method 18: Crushed particles in coarse aggregate derived from gravel

PREFACE

This Standard incorporates Amendment No. 1 (September 1998), Amendment No. 2 (April 2016) and Amendment No. 3 (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 determining the percentage by mass of crushed and uncrushed particles in aggregate derived from rounded gravel.

The test depends on visual assessment and is limited to particles retained on a 6.70 mm sieve.

2 REFERENCED DOCUMENTS

The documents below 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
1141.3	Method 3: Sampling of aggregates and rock

A3 | [Text deleted]

3 DEFINITIONS

For the purpose of this Standard the definitions in AS 1141.1 and those below apply.

3.1 Crushed particle

A particle which exhibits two or more fractured faces, the combined surface area of which is judged to be about one half or more of the total surface area of the particle.

3.2 Fractured face

A face on a particle produced by mechanical crushing or grinding.

A2 | 3.3 'Text deleted'

3.4 Non-crushed particle

A particle which does not comply with the definition of a crushed particle, i.e. has less fractured face area than a crushed particle but is not an uncrushed particle.