AS 1141.3.1—2012
(Incorporating Amendment No. 1)

Australian Standard®

Methods for sampling and testing aggregates
Method 3.1: Sampling—Aggregates

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 defines requirements and specifies methods for taking samples of aggregates and sands, for subdividing samples and for packing and forwarding samples for examination and testing. This Standard is limited to aggregate and rock products with a nominal size of 63 mm or less. The Standard may be applied to non-stabilized soil product or soil and rock blends, again provided that the maximum particle size is less than 75 mm. For rock, aggregate and soil products larger than these sizes AS 1141.3.2 applies.

NOTE: Provided that care is taken in adapting them, the procedures described in this Standard may be used for sampling other materials such as compacted layers of soil in earthworks construction, or asphaltic concrete prior to compaction. This Standard is referenced by the various AS 1289 sampling methods in relation to soil sampling.

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
1141.3.2	Method 3.2:	Sampling—Rock spalls and boulders
1289	Methods of testing soils for engineering purposes	
1289.1.4.1	Method 1.4.1:	Sampling and preparation of soils—Selection of sampling or test sites—Random number method
1289.1.4.2	Method 1.4.2:	Sampling and preparation of soils—Selection of sampling or test sites—Stratified random number method
4433	Guide to the sampling of particulate materials	
4433.1	Part 1:	Sampling procedures
4433.6	Part 6:	Inspection of mechanical sampling systems

3 DEFINITIONS

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

3.1 Competent personnel

Personnel suitably qualified and experienced in the principles of sampling aggregates and with the requirements of this Standard.