

# Australian Standard<sup>®</sup>

## Methods for sampling and testing aggregates

### Method 52: Unconfined cohesion of compacted pavement materials

AS 1141.52—2008

#### 1 SCOPE

This Standard sets out the method for determining indirectly the unconfined cohesion of compacted pavement materials. The method is applicable to that fraction of the material passing a 19.0 mm test sieve.

The method is not applicable to material with a plasticity index greater than 3.

NOTE: For information on the uncertainty of measurement, see Appendix A.

#### 2 NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this document:

AS	
1012	Methods of testing concrete
1012.9	Part 9: Determination of the compressive strength of concrete specimens
1141	Methods for sampling and testing aggregates
1141.1	Method 1: Definitions
1141.2	Method 2: Basic testing equipment
1141.3	Method 3: Sampling
1152	Specification for test sieves
1289	Methods of testing soils for engineering purposes
1289.5.2.1	Method 5.2.1: Soil compaction and density tests—Determination of the dry density or moisture content relation of a soil using modified compactive effort
2193	Calibration and classification of force-measuring systems

#### 3 TERMS AND DEFINITIONS

For the purposes of this document, the terms and definitions given in AS 1141.1 apply.

#### 4 APPARATUS

The following apparatus, complying with the relevant provision of AS 1141.2, is required.

##### 4.1 Balance

A balance of sufficient capacity, with a limit of performance not exceeding  $\pm 5$  g.