

# 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 10.

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.