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By AS 1141.2-1999

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

METHODS FOR SAMPLING AND TESTING AGGREGATES

**AS 1141.2
BASIC TESTING EQUIPMENT**

FOREWORD

In preparing this Standard, testing equipment of a specialist nature, which has application to only a few of the AS 1141 series of test methods, has been moved from the previous edition AS 1141—1974, *Methods for sampling and testing aggregates*, Section 2: *Testing equipment* to Appendices A to H of this Standard.

Significant changes have been made to the specification for balances. The changes result from equating the term 'accuracy' used in many of the AS 1141 series of test methods with 'limit of performance' as described in Clause 3.2.1.

1 SCOPE. This Standard sets out requirements for the basic equipment required for the performance of tests in the AS 1141 series. Specifications for specialized testing equipment, specific for a limited number of tests in the series, are being included in the appropriate test methods as these methods are revised.

NOTE: Users of Standards in the AS 1141 series should make reference to this Standard, to the apparatus listed in the test method(s) under consideration, and to the appropriate appendix given in Table 2, to determine equipment requirements for particular test methods.

2 REFERENCED DOCUMENTS. The documents below are referred to in this Standard:

AS

1006 Solid stem general purpose thermometers

1152 Test sieves

1289 Methods of testing soil for engineering purposes

Method A1: Part A—General and sample preparation—Scope and general (AS 1289.A1)

1316 Masonry cement

2026 Density hydrometers

2103 Dial gauges and dial test indicators

2193 Methods for calibration and grading of force-measuring systems of testing machines

National Measurement Laboratory—Tests and measurements

3 EQUIPMENT REQUIRED.

3.1 General. The dimensions, shape, operation or other properties of items of equipment that have significant effects on test results are designated 'M' in Table 1, to show that the requirements are mandatory.

**TABLE 1
MANDATORY (M), SUGGESTED (S) EQUIPMENT AND
ASSOCIATED CLAUSES**

Mandatory (M) equipment	Clause	Suggested (S) equipment	Clause
Balances	3.2.1	Basket	3.3.1
Baths	3.2.2	Container	3.3.2
Drying ovens	3.2.3	Crushing and grinding equipment	3.3.3
Masses	3.2.4	Glassware	3.3.4
Sieves	3.2.5	Sample divider	3.3.5
Tamping rods	3.2.6	Sampling frame	3.3.6
Thermometers	3.2.7	Sampling tube	3.3.7

