



Test method T100

Sampling road construction materials
(Soil, gravel, sand, aggregate, rock and
recycled products)

OCTOBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
Ed 1/Rev 0	All	New Method.	J Friedrich	June 2010
Ed 2/ Rev 0	All	Reformatted RMS template	J Friedrich	October 2012

Note that Roads and Maritime Services is hereafter referred to as 'RMS'.

The most recent revision to Test method T100 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T100

Sampling road construction materials (Soil, gravel, sand, aggregate, rock and recycled products)

1. Scope

This Test Method defines procedures for taking and packaging samples of road construction materials for examination and testing.

2. General

- (a) Road construction material, referred to as “material” in this test method, includes the following:
- (i) Aggregate and rock products.
 - (ii) Soil products.
 - (iii) Recycled products.

NOTE: Sampling of asphaltic concrete and concrete are not included.

- (b) The material to be sampled is from one of many different locations (refer to Table 1).
- (c) The following documents are referred to in this Test Method:
- (i) AS 1141.3.1 Methods for Sampling and Testing Aggregates - Sampling - Aggregates.
 - (ii) AS 1141.3.2 Methods for Sampling and Testing Aggregates - Sampling - Rock spalls, boulders and drill core.
 - (iii) AS 1289.1.2.1 Methods of testing soils for engineering purposes - Sampling and preparation of soils - Disturbed samples - Standard method.

3. Apparatus, Preparation, Procedure, Calculations and Reporting

- (a) Carry out sampling of material in accordance with the appropriate test method listed in Table 1.

Table 1 –Test Methods for Sampling

Material	Test Method	Locations
Aggregate and rock products with a ≤ 63 mm nominal size (includes soil, sand and aggregate)	AS 1141.3.1	Conveyor, bin, truck, stockpile, placed earthworks or pavement layer, small heap or windrow.
Rock products with a > 63 mm nominal size (includes rock spalls or boulders)	AS 1141.3.2	Quarry, pit, cut or fill, drainage blanket, rip rap, armour rock, gabion rock.
Soil, gravel, rock and recycled product (includes earthworks, drainage and pavement materials).	AS 1289.1.2.1 <i>NOTE: AS 1141.3.1 & AS 1141.3.2 are referenced</i>	Stockpile, windrow, uncompacted layers in earthworks or pavement, compacted layers in earthworks or pavement, in-situ material.

- (b) Include all the records required under the relevant test method, reference to the Australian Standard and this test method in the report.