



Transport
Roads & Maritime
Services

Test method T185

Resistivity of sands and granular road
construction materials

OCTOBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Revision Summary Added. AS No. Revised	D Dash	May 1999
Ed 2/ Rev 0	3.	Revised format. Amended reference to Test Methods instead of AS. Title Altered	D Hazell	Sept 2008
Ed 3/ 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 T185 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T185

Resistivity of sands and granular road construction materials

1. Scope

This test method sets out the procedure to determine the electrical resistivity of sands and granular road construction materials.

2. General

- (a) The test results are used to assess the corrosion protection for products that are in contact with the material
- (b) For cohesive materials standard compaction shall be used unless otherwise specified

3. Apparatus, Preparation, Procedure, Calculations and Reporting

This test method is identical to AS 1289.4.4.1 except for the following amendments:

- (a) Determine the moisture content of the material in accordance with T120, T121 or T180
- (b) Determine the maximum densities and relative density (i.e. dry density ratio) in accordance with T166
- (c) Relative density shall be in the range 88 to 91% unless otherwise specified
- (d) Replace reporting of the density ratio or density index with the relative density to the nearest 0.5%
- (e) Include reference to this test method in the report