Test method T185

Resistivity of sands and granular road construction materials

OCTOBER 2012
### Revision Summary

<table>
<thead>
<tr>
<th>Ed/Rev Number</th>
<th>Clause Number</th>
<th>Description of Revision</th>
<th>Authorisation</th>
<th>Date</th>
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<tr>
<td></td>
<td></td>
<td>Reformatted and Revision Summary Added. AS No. Revised</td>
<td>D Dash</td>
<td>May 1999</td>
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<tr>
<td>Ed 2/ Rev 0</td>
<td>3.</td>
<td>Revised format. Amended reference to Test Methods instead of AS. Title Altered</td>
<td>D Hazell</td>
<td>Sept 2008</td>
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<tr>
<td>Ed 3/ Rev 0</td>
<td>All</td>
<td>Reformatted RMS template</td>
<td>J Friedrich</td>
<td>October 2012</td>
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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