Test method T109

Plastic limit and plasticity index of 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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<td>Ed 1/ Rev 0</td>
<td></td>
<td>Reformatted and Revision Summary added</td>
<td>D.Dash</td>
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<td>Date on Test Method Revised to agree with date on revision</td>
<td>D.Dash</td>
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<td>Altered AS references to Cone liquid limit.</td>
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<tr>
<td>Ed 2/ 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 T109 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.
Test method T109

Plastic limit and plasticity index of road construction materials

1. Scope
This test method sets out the procedure to determine the Plastic Limit and the Plasticity Index of road construction materials.

2. General
(a) This test method is generally applicable to soils, gravels, crushed rock and recycled materials.
(b) This test method is not applicable to materials containing bituminous materials (e.g. Reclaimed Asphalt Pavement materials (RAP)).

3. Apparatus, Preparation, Procedure, Calculations and Reporting
This test method is identical to AS 1289.3.2.1 and AS 1289.3.3.1 except for the following amendments:

(i) Sample preparation shall be carried out in accordance with T105, and
(ii) The Liquid Limit shall be determined in accordance with T108, and
(iii) Moisture content shall be determined in accordance with T120.
(iv) Include reference to this test method in the report.