



Transport
Roads & Maritime
Services

Test method T109

Plastic limit and plasticity index of road
construction materials

OCTOBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
Ed 1/ Rev 0		Reformatted and Revision Summary added	D.Dash	May 1999
Ed 1/ Rev 1		Date on Test Method Revised to agree with date on revision	D.Dash	Feb 2001
Ed 1/ Rev 2	3.	Generally Revised- Title Changed Altered AS references to Cone liquid limit.	G Donald	Nov 2007
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 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.