



**Transport**  
Roads & Maritime  
Services

# Test method T502

## Density of bituminous materials

NOVEMBER 2012



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## Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Safety note and calculation revised. Generally Reformatted and Revision Summary Added	D.Dash	Sep 1999
Ed 2/ Rev 0	All	Reformatted RMS template	J Friedrich	November 2012

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

The most recent revision to Test method T502 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

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# Test method T502

## Density of bituminous materials

### 1. Scope

This test method describes the procedure for determining the density of bituminous materials. This method is to be used for all bituminous materials except for the lightest cutbacks (which drain freely from the stem of a hydrometer).

### 2. Safety Notes

A poster describing the action to be taken in the event of bitumen burns must be displayed in the laboratory in the vicinity of the bitumen pouring area(s).

Use either tongs or heat resisting gloves when handling hot bitumen. Loose or puncture lids before heating containers. Examine cold samples for signs of water. Remove all visible water. Wear spectacles when heating samples suspected of containing water. Cleaning solvents such as toluene may be toxic, handle such solvents in a fume cupboard, and consult safety data sheets.

### 3. Method

The procedure of testing and reporting shall be identical with Australian Standard 2341.7.

### 4. Calculations

To convert the density determined at 25°C (as in AS2341.7) to an estimate of the density at 15°C, add 6 kg/m<sup>3</sup>