



Test method T518

Viscosity of bituminous materials by the
cannon fenske opaque reverse – flow
viscometer

NOVEMBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Generally revised-Identical to A.S., Safety Notes added. 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 T518 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T518

Viscosity of bituminous materials by the cannon fenske opaque reverse – flow viscometer

1. Scope

This test method sets out the procedure for determining the kinematic and dynamic viscosity of bituminous materials at 135°C by the Cannon-Fenske Opaque Reverse-Flow Capillary Viscometer for opaque materials. The method conforms to the procedure set out in Australian Standard 2341.3.

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. Loosen 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, consult safety data sheet.