



Transport
Roads & Maritime
Services

Test method T231

Frictional resistance by pendulum tester

OCTOBER 2012



Revision Summary

Ed/Rev Number	Clause Number	Description of Revision	Authorisation	Date
		Reformatted and Revision Summary Added	D.Dash	May 1999
		Date on Test Method Revised to Agree with Date on Revision Summary	D.Dash	Feb 2001
		Generally Revised (to permit field testing) – R Horner	D.Dash	Jan 2003
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 T231 (other than minor editorial changes) are indicated by a vertical line in the margin as shown here.

Test method T231

Frictional resistance by pendulum tester

1. Scope

This test method sets out the procedure for determining the skid resistance of road surfaces or the Polished Aggregate Friction Value (PAFV) of laboratory prepared test specimens, using the portable skid resistance tester.

2. Apparatus, Procedure and Reporting

The test method is identical with the procedure described in Australian Standard AS 1141.42 (Pendulum Friction Test - PAFV).

For field use, levelling of the instrument as described in AS/NZS 4663 is necessary. Field test reports should state whether the test was conducted in the wheelpath. Field test reports should identify the locations where measurements were taken.

NOTE: The rubber slider must be of a rubber approved by TRL as suitable for vehicular skid resistance and not the harder slip resistance rubber specified in AS/NZS 4663 Appendix A. Sliders may be used for field testing until the wear on both working surfaces exceeds 4 mm as described in AS/NZS 4663.

The test result is a Skid Resistance Value (SRV) and is reported in units of British Pendulum Number (BPN) at 23°C corrected from ambient air temperature.