

AUSTROADS TEST METHOD AG:AM/T004

PAVEMENT ROUGHNESS REPEATABILITY AND BIAS ERROR CHECKS FOR AN INERTIAL LASER PROFILOMETER

COMMENTARY

1 SCOPE

Additional guidance and background information can be found in the *Austrroads Guide to Asset Management – Part 5B: Roughness* (Austrroads 2006).

2 REFERENCED DOCUMENTS

No comment.

3 DEFINITIONS

No comment.

4 EQUIPMENT

No comment.

5 PROCEDURE

It is important that the test section contain a range of roughness at the 100 m segment level.

5.1 Repeatability checks

No comment.

5.2 Bias error check

No comment.

6 CALCULATIONS

6.1 Repeatability checks

No comment.

6.2 Bias error checks

No comment.

7 REPORTING

7.1 General details

No comment.

7.2 Repeatability checks

No comment.

7.3 Bias error checks

No comment.

8 FAILED REPEATABILITY AND/OR BIAS ERROR CHECKS

No comment.

ANNEX 1 – EXAMPLE OF REPEATABILITY AND BIAS CHECKS

No comment.

REFERENCES

Austroads 2006, *Guide to asset management – Part 5B: roughness*. AGAM05B/06, Austroads, Sydney.

AMENDMENT RECORD

Amendment No.	Sections amended	Action ¹	Date
1 (Initial release)	All (Michael Moffatt, ARRB)	New	26 March 2007
¹ Key: Format change in format Substitution old section removed and replaced with new section New insertion of new section Removed old section removed			

This commentary is relevant to the 26 March 2007 release of Austroads Test Method AG:AM/T003.
