

AUSTROADS TEST METHOD AG:AM/T008

VALIDATION AND REPEATABILITY CHECKS FOR A DEFLECTOGRAPH

COMMENTARY

1 SCOPE

It is important to note that the test method has been prepared for the testing of pavements at the network level. Care should be taken when applying the test method at the project level.

Additional guidance and background information can be found in the *Austrroads Guide to Asset Management – Part 5D: Strength* (Austrroads 2007).

The test method has not been verified by field experience, and engineering judgement should be exercised when considering and acting upon the results obtained.

2 REFERENCED DOCUMENTS

No comment.

3 DEFINITIONS

No comment.

4 EQUIPMENT

No comment.

5 PROCEDURE

- (a) Test Method AG:AM/T005 requires that a series of five repeat runs be used to validate the distance measurement system of road condition monitoring equipment. Most road condition monitoring equipment can travel at near highway speeds, and may not necessarily require traffic control operation whilst following AG:AM/T005. A deflectograph, however, normally travels at 2 to 4 km/h, and requires traffic control. This difference is reflected in only requiring three sets of repeat runs when validating a deflectograph with the AG:AMT005 method.
- (b) No comment.

- (c) No comment.
- (d) No comment.
- (e) No comment.

6 CALCULATION

6.1 Validation check

No comment.

6.2 Repeatability checks

6.2.1 *Repeatability requirement 1*

No comment.

6.2.2 *Repeatability requirement 2*

No comment.

6.2.3 *Repeatability requirement 3*

No comment.

7 REPORTING

7.1 General

No comment.

7.2 Validation check

No comment.

7.3 Repeatability checks

No comment.

8 FAILED VALIDATION OR REPEATABILITY CHECKS

No comment.

REFERENCES

Austrroads 2007, *Guide to asset management – Part 5D: strength*. Publication AG:AM05D/07, Austrroads, Sydney (in preparation).

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/T008.