Test Method

Nuclear gauge - offset determinations, in field density testing of asphalt layers

RC 316.12

This test shall be carried out in accordance with Australian Standard Test Method AS 2891.14.2 except that:

- In Appendix B Section B2 (c), the appropriate method is the same method used in test method RC 201.01 / RC 201.12, for determination of the reference bulk density of the Asphalt Mix Design.
- **In Appendix B Paragraph B5 (a) (i), and B5 (b), replace the text with the following :**

At Paragraph B2(a), from sites tested by nuclear gauge,

Select at least two consecutive test sites after two months and within the first six months of use of the mix, and

Select at least two consecutive test sites within the second six months of use of the mix.

- **In Appendix B Paragraph B5 (c), and B5 (b), replace the text with the following:**

After completion of the second check, (in the second six months of use of the mix), for the appropriate combination of number of test sites used to determine the initial and check values; either

(i) If the difference between the check value and the initial value of the density offset for the material, does not differ by more than the amount specified in Table B1 of AS / NZS 2891.14.2, then the density offset may be used until the asphalt mix registration expires, or until the nuclear gauge calibration expires, whichever is the earlier, or

(ii) Re - determine the density offset.

Test Method - Revision Summary

RC 316.12 Nuclear gauge - offset determinations, in field density testing of asphalt layers

Date	Clause Number	Description of Revision	Authorised by
November 2012	Full document	Re-styled with minor corrections made	Principal Advisor – Pavements & Materials