

Nuclear Gauge Testing Manual

Publication Update

Edition 4, Amendment 1 of the *Nuclear Gauge Testing Manual* (NGTM) has been issued in October 2023.

Implementation

Notwithstanding any contractual requirements for projects current as at August 2023 or any requirements for NATA accreditation, the NGTM should be implemented immediately.

For existing projects, testing should continue using the methods published at the start of the Contract. It is not the intention to force unnecessary rework on existing projects.

The *Nuclear Gauge Testing Manual* applies to all road projects and other work the department is responsible for and is, therefore, applicable to our Consultants and Contractors.

Edition 4 – Amendment 1 – October 2023

Section	Test Method	Description of change
All	All	<ul style="list-style-type: none"> Change equations from Mathtype to Microsoft Word Change symbols from Mathtype to either Microsoft equations, text or symbols, as appropriate
1	Introduction	<ul style="list-style-type: none"> Add VicRoads Test Method RC 900.07 to Table 4.1 For calibration of Nuclear thin-layer gauge replace Test Method AS 2891.14.3 with AS 2891.14.3 or RC 900.07 in Clause 6.1 Add 'and VicRoads Test Method' to Clause 6.1
2	Calibration	<ul style="list-style-type: none"> For calibration of Nuclear thin-layer gauge replace Test Method AS 2891.14.3 with AS 2891.14.3 or RC 900.07 in Clause 6.1 Add 'and VicRoads Test Method' to Clause 6.1
3	N01	<ul style="list-style-type: none"> Replace 'at least 2 m' with 'at least 1 m' in Steps 5.1.1 and 5.2.1 to align with requirements of test method AS 1289.5.8.1 Replace 'x.xxx' with 'x.xx' in Clause 10 e) Replace '%' with 't/m³' and 'x.x' with x.xx' in Clause 10 f)
	N04	<ul style="list-style-type: none"> For calibration of Nuclear thin-layer gauge replace Test Method AS 2891.14.3 with AS 2891.14.3 or RC 900.07 in Clause 4.1 Add 'and VicRoads Test Method' to Clause 4.1 Replace 'at least 2 m' with 'at least 1 m' in Steps 5.1.1 and 5.2.1 to align with requirements of test method AS 1289.5.8.1301
4	N301	WITHDRAWN
	N302	WITHDRAWN
	N303	WITHDRAWN
	N304	WITHDRAWN
	N313	WITHDRAWN
	N314	WITHDRAWN
	N319	WITHDRAWN

Section	Test Method	Description of change
	N320	WITHDRAWN
	N321	WITHDRAWN
	N322	WITHDRAWN
	N323	WITHDRAWN
	N324	WITHDRAWN
	N327	WITHDRAWN
	N328	WITHDRAWN
	N329	WITHDRAWN
	N330	WITHDRAWN
	N331	WITHDRAWN
	N332	WITHDRAWN
	N333	WITHDRAWN
	N334	WITHDRAWN