

Construction Materials Testing – Verification data

Publication Update

Amendment 5 – February 2026

Workbook	Worksheet	Description of change
N Series	All	<ul style="list-style-type: none"> Add Amendment 3 versions of test methods to the 'Versions' section of the appropriate worksheets.
Q Series	All	<ul style="list-style-type: none"> Add <i>Materials Testing Manual</i> Amendment 3 versions of test methods to the 'Versions' section of the appropriate worksheets. Add new worksheet for Q133 (pH\geq12.4 and pH 12.3-12.4). Q113 (comp) series updated to show correct MDD and OMC.

Amendment 4 – January 2025

Workbook	Worksheet	Description of change
N Series	All	<ul style="list-style-type: none"> Renumber worksheet N02 to N02 (1). Add additional worksheet N02 (2) for test method N02 with initial bias and bias check calculations. Renumber worksheet N03 to N03 (1). Add additional worksheet N03 (2) for test method N02 with initial bias and bias check calculations. Renumber worksheet N05 to N05 (1). Remove plots of standard blocks asphalt density v count ratio from worksheet N05 (1). Add additional worksheet N05 (2) for test method N02 with initial bias and bias check calculations.

Amendment 3 – October 2024

Workbook	Worksheet	Description of change
Q Series	All	<ul style="list-style-type: none"> Add <i>Materials Testing Manual</i> Amendment 2 versions of test methods to the 'Versions' section of the appropriate worksheets. Add new worksheets for test methods Q101G, Q109, Q109A, Q109B, Q254A, Q255, Q328 and Q715.

Workbook	Worksheet	Description of change
		<ul style="list-style-type: none"> • Worksheet Q105, reduce the number of decimal places in input cells C8 to C13 from 3 to 2. • Renumber worksheet Q125D to Q125D (1). Correct the calculation in cell C21. • Add additional worksheet for test method Q125D, that is, Q125D (2). • Add note to worksheet Q135A.
N Series	All	<ul style="list-style-type: none"> • Add Amendment 2 versions of test methods to the 'Versions' section of the appropriate worksheets.
AS 1012	All	<ul style="list-style-type: none"> • Simplify Index worksheet. • Add version control to the bottom of each worksheet.
AS 1141	All	<ul style="list-style-type: none"> • Simplify Index worksheet. • Add version control to the bottom of each worksheet.
AS 1289	All	<ul style="list-style-type: none"> • Simplify Index worksheet. • Add version control to the bottom of each worksheet. • Update any references to versions of Q test methods, such as Q252 or Q253.
AS 2891	All	<ul style="list-style-type: none"> • Simplify Index worksheet. • Add version control to the bottom of each worksheet.
Austrroads	All	<ul style="list-style-type: none"> • Simplify Index worksheet. • Add version control to the bottom of each worksheet. • Renumber test method from AG:PT/T232 to ATM 232 in worksheet T232. • Renumber test method from AG:PT/T250 to ATM 250 in worksheet T250.
TfNSW	All	<ul style="list-style-type: none"> • Simplify Index worksheet • Add version control to the bottom of each worksheet

Amendment 2 – June 2024

Workbook	Worksheet	Description of change
Q Series	All	<ul style="list-style-type: none"> • Simplify Index worksheet. • Add version control to the bottom of each worksheet. • Add Amendment 1 versions of test methods to the 'Versions' section of the appropriate worksheets. • Renumber some spreadsheets with '(1)' or '(2)' suffixes as appropriate.

Workbook	Worksheet	Description of change
N Series	All	<ul style="list-style-type: none"> Simplify Index worksheet. Change symbols to italics. Add version control to the bottom of each worksheet.

Amendment 1 – February 2024

Workbook	Worksheet	Description of change
Q Series	All	<ul style="list-style-type: none"> Change symbols to italics.
	Q113A (pen)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Replace CBR with BR in results.
	Q113A (4pt)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Replace CBR with BR in calculations and results.
	Q113B (pen)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Replace CBR with BR in results.
	Q113B (4pt)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Replace CBR with BR in calculations and results.
	Q113C (pen)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Replace CBR with BR in results.
	Q114B (2)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Change calculation for equivalent CBR value.
	Q115 (2)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Change rounding of reported UCS value changed from 0.1 MPa to 0.05 MPa.
Q140A (NG) (2)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Remove density of oversize from calculations, to align with January 2024 version of test method Q143. Add volume of oversize and mass of oversize dry to calculations, to align with January 2024 version of test method Q143. 	

Workbook	Worksheet	Description of change
		<ul style="list-style-type: none"> Amend rounding of relative moisture content to nearest 2%.
	Q140A (SR) (2)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Remove density of oversize from calculations, to align with January 2024 version of test method Q143. Add volume of oversize and mass of oversize dry to calculations, to align with January 2024 version of test method Q143. Amend rounding of relative moisture content to nearest 2%.
	Q143	<ul style="list-style-type: none"> Amend test data to provide a density of oversize of 2.64 t/m³
	Q143 (2)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Remove density of oversize from calculations and reporting. Add test data and calculations for measuring cylinder technique. Add oven dry mass of oversize test data, calculations and reporting. Add volume of oversize to reporting.
	Q144 (2)	<ul style="list-style-type: none"> New worksheet for January 2024 version of test method. Remove density of oversize from calculations and reporting to align with January 2024 version of test method Q143. Add volume of oversize and mass of oversize dry to test data, to align with January 2024 version of test method Q143. Amend calculations for adjusted maximum dry density and adjusted optimum moisture content. Remove percentage of oversize from reporting.
	Q145A (2)	<ul style="list-style-type: none"> New worksheet for January 2024 with density index calculations only. Include test data, calculations and results for target dry density, achieved dry density, achieved moisture content and achieved density index

Workbook	Worksheet	Description of change
	Q146 (NG) (2)	<ul style="list-style-type: none"> • New worksheet for January 2024 version of test method. • Amend rounding of DoS to nearest 2%.
	Q146 (SR)	<ul style="list-style-type: none"> • Remove density of oversize from calculations.
	Q146 (SR) (2)	<ul style="list-style-type: none"> • New worksheet for January 2024 version of test method. • Amend rounding of DoS to nearest 2%. • Remove density of oversize from calculations.
	Q216 (2)	<ul style="list-style-type: none"> • New worksheet for January 2024 version of test method. • Amend test data to align with January 2024 version of test method.
	Q228	<ul style="list-style-type: none"> • New worksheet.
	Q229A	<ul style="list-style-type: none"> • New worksheet.
	Q229B	<ul style="list-style-type: none"> • New worksheet.
	Q704	<ul style="list-style-type: none"> • New worksheet

Amendment 1, of the *Construction Materials Testing - Verification data* was initially issued February 2024.

