

Construction Materials Testing – Verification data

Publication Update

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 Materials Testing Manual 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. • 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

Workbook	Worksheet	Description of change
Austroroads	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
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

Workbook	Worksheet	Description of change
		January 2024 version of test method Q143 <ul style="list-style-type: none"> 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%
	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
	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

Workbook	Worksheet	Description of change
	Q704	<ul style="list-style-type: none"> • New worksheet

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

