



Test Method Coverage

New Zealand



Introduction

Electronic worksheets are screens that conform Standards New Zealand test method. They collect all the information required by the method and perform calculations and checks according to the method.

QESTLab is not restricted to the test methods detailed here and currently supports more than 600 electronic worksheets for test methods from various jurisdictions around the globe. Support for new test methods is continually being developed as a need arises. In addition, QESTLab also provides functionality that allows the customer to extend the system to incorporate electronic worksheets based on Microsoft Excel.

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- *Indicates an electronic worksheet that allows for the entry of test results and other data required for reporting only (does not perform calculations).
- &* Indicates both a full and a reduced worksheet are available.

Method	Name
NZS 2891 – Methods of Sampling and Testing Asphalt	
2891.13.1	Resilient Modulus of Asphalt
2891.2.2	Compaction of Asphalt Specimens
2891.3.1	Binder Content and Aggregate Grading
2891.8	Air Voids
2891.9.2	Bulk Density
2891.9.2	Core Density
2891.9.3	Determination of Bulk Density of Compacted Asphalt – Mensuration Method
NZS 3111 – Methods of Test for Water and Aggregate for Concrete	
3111.6:1986	Dry Sieving
3111.7:1986	Moisture Content
3111.12:1986*	Density and Absorption of Coarse Aggregate
3111.13:1986	Cleanness Value
3111.14:1986	Crushing Resistance
3111.15:1986*	Weathering Resistance
3111.16:1986*	Density and Absorption of Sand
3111.18:1986	Sand Equivalent
3111.19:1986*	Voids Content & Flow Time
NZS 3112 – Methods of Test for Concrete	
3112.3:1986	Shrinkage
NZS 4402 – Soil Compaction Tests	
4402.2.1:1986	Moisture Content
4402.2.2	Liquid Limit
4402.2.3	Plastic Limit
4402.2.4	Plasticity Index
4402.2.6	Linear Shrinkage

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Method	Name
4402.2.7.1:1986	Solid Density - Coarse
4402.2.7.2:1986	Solid Density - Med Fine
4402.2.8.1:1986	Particle Size Distribution (Wet Method)
4402.2.8.2:1986	Particle Size Distribution (Dry Method)
4402.2.8.4:1986	Determination of Size Distribution (Hydrometer Method)
4402.4.1.1:1986	Maximum Dry Density - Standard
4402.4.1.2:1986	Maximum Dry Density - Heavy
4402.4.1.3:1986	Maximum Dry Density - Vibrating Hammer
4402.6.1.1:1986	California Bearing Ratio
4402.6.1.2:1986	California Bearing Ratio (Moisture Average)
4402.6.1.2:1986	California Bearing Ratio (Moisture in Situ)
4402.6.5.2:1988	Scala Penetration (Inferred CBR)
4402.6.5.2:1988	Scala Penetration (Inferred kPa)
NZS 4407 - Methods of Sampling and Testing Road Aggregates	
4407.3.1:1991	Moisture Content
4407.3.2:1991	Cone Penetration Limit
4407.3.3:1991	Plastic Limit
4407.3.4:1991*	Plasticity index
4407.3.5:1991	Clay Index
4407.3.6:1991	Sand Equivalent
4407.3.7.1:1991	Solid Density - Pycnometer Method
4407.3.7.2:1991	Solid Density - Immersion in Water
4407.3.8.1:1991	Wet Sieving
4407.3.8.2:1991	Dry Sieving
4407.3.9:1991	Cleanness Value
4407.3.10:1991	Crushing Resistance
4407.3.11:1991	Weathering Quality Index

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Method	Name
4407.3.12:1991	Los Angeles Value
4407.3.13:1991	Size and Shape
4407.3.14:1991	Broken Faces
4407.3.15:1991	California Bearing Ratio
4407.4.2.1:1991	Nuclear Field Density
4407.4.2.2:1991	Nuclear Field Density

TNZ

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Method	Standard Name
TNZ T/1 1977	Benkelman Beam Deflection
TNZ T/1 1977	Benkelman Beam Deflection (250/0)
TNZ T/1 1977	Benkelman Beam Deflection (Bowl Characterization)
TNZ T3	Surface Texture by Sand Circle Method

Note: Although every effort has been made to ensure that the above information is correct, Spectra QEST makes no guarantee as to its accuracy.

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