



QESTLab

New Zealand Test Methods

Electronic Worksheets are screens that conform to a Standards New Zealand, State Authority or other test method. They collect all the information required by the method, perform calculations and checks according to the method.

QESTLab™ is not restricted to the methods detailed in this list. The Electronic Worksheets outlined here are those that have already been developed for the QESTLab™ system.

New Electronic Worksheets can be quickly developed as a need arises. If you are interested in any test methods not shown in this list, please contact Spectra QEST at www.spectraquest.com.

This list of test methods is based on QESTLab v3.1

NZS 3111 - Methods of test for water and aggregate for concrete

- NZS 3111.6:1986 Dry Sieving
- NZS 3111.7:1986 Moisture Content
- NZS 3111.12:1986* Density and Absorption of Coarse Aggregate
- NZS 3111.13:1986 Cleanness Value
- NZS 3111.14:1986 Crushing Resistance
- NZS 3111.15:1986* Weathering Resistance
- NZS 3111.16:1986* Density and Absorption of Sand
- NZS 3111.18:1986 Sand Equivalent
- NZS 3111.19:1986* Voids Content & Flow Time

NZS 3112 - Methods of test for concrete

- NZS 3112.3:1986 Shrinkage

NZS 4402 - Soil compaction tests

- NZS 4402.2.1:1986 Moisture Content
- NZS 4402.2.2 Liquid Limit
- NZS 4402.2.3 Plastic Limit
- NZS 4402.2.4 Plasticity Index
- NZS 4402.2.6 Linear Shrinkage
- NZS 4402.2.7.1:1986 Solid Density - Coarse
- NZS 4402.2.7.2:1986 Solid Density - Med Fine
- NZS 4402.2.8.1:1986 Particle Size Distribution (Wet Method)
- NZS 4402.2.8.2:1986 Particle Size Distribution (Dry Method)
- NZS 4402.2.8.4:1986 Determination of Size Distribution (Hydrometer Method)
- NZS 4402.4.1.1:1986 Maximum Dry Density - Standard
- NZS 4402.4.1.2:1986 Maximum Dry Density - Heavy
- NZS 4402.4.1.3:1986 Maximum Dry Density - Vibrating Hammer
- NZS 4402.6.1.1:1986 California Bearing Ratio
- NZS 4402.6.1.2:1986 California Bearing Ratio (Moisture Average)
- NZS 4402.6.1.2:1986 California Bearing Ratio (Moisture In Situ)
- NZS 4402.6.5.2:1988 Scala Penetration (Inferred CBR)
- NZS 4402.6.5.2:1988 Scala Penetration (Inferred kPa)

NZS 4407 - Methods of sampling and testing road aggregates

NZS 4407.3.1:1991 Moisture Content
NZS 4407.3.2:1991 Cone Penetration Limit
NZS 4407.3.3:1991 Plastic Limit
NZS 4407.3.4:1991* Plasticity index
NZS 4407.3.5:1991 Clay Index
NZS 4407.3.6:1991 Sand Equivalent
NZS 4407.3.7.1:1991 Solid Density - Pycnometer Method
NZS 4407.3.7.2:1991 Solid Density - Immersion in Water
NZS 4407.3.8.1:1991 Wet Sieving
NZS 4407.3.8.2:1991 Dry Sieving
NZS 4407.3.9:1991 Cleanness Value
NZS 4407.3.10:1991 Crushing Resistance
NZS 4407.3.11:1991 Weathering Quality Index
NZS 4407.3.12:1991 Los Angeles Value
NZS 4407.3.13:1991 Size And Shape
NZS 4407.3.14:1991 Broken Faces
NZS 4407.3.15:1991 California Bearing Ratio
NZS 4407.4.2.1:1991 Nuclear Field Density
NZS 4407.4.2.2:1991 Nuclear Field Density

Transit New Zealand

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)

*Indicates test screen that allows for the entry of test results and other data required for reporting only (does not perform calculations).

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