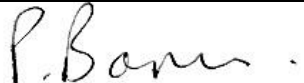


Laboratory Accreditation Programmes

Schedule to
CERTIFICATE OF ACCREDITATION

Laboratory	Materials and Testing Laboratories Ltd
Address	10 Patrick Street , Onehunga, Auckland, 1061
Telephone	09 579-0262
URL	www.mtlabs.co.nz
Authorised Representative	Mr Thibaud Lastennet General Manager
Client No.	3
Programme	Metrology & Calibration Laboratory
Accreditation Number	487
Initial Accreditation Date	23 April 1975
Conformance Standard	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Testing Services Summary	5.51 Force Measuring Devices
Signatories	Mr Jim Saunders 5.51

Authorised: General Manager		Issue 22	Date: 20/08/19	Page 1 of 2
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Schedule to

CERTIFICATE OF ACCREDITATION

Materials and Testing Laboratories Ltd
 Metrology & Calibration Laboratory
SCOPE OF ACCREDITATION Accreditation No 487

Calibration and Measurement Capability (CMC) Uncertainties are expressed as an expanded uncertainty with a level of confidence of approximately 95 % ($k = 2$) ^{Note 1}.

Measurement results are traceable to the International System of Units (SI) via an unbroken chain of comparisons to the New Zealand National Standards or to the National Standards of other Signatories to the CIPM MRA.

Unless stated elsewhere in this schedule, calibrations are performed at the premises of the accredited laboratory.

5.51 Force Measuring Devices

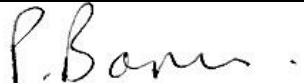
(c) Force dynamometers

Soil shear vanes by in-house method TM6 2019

Range	CMC Uncertainty
0.1 Nm to 10.0 Nm	1 %

Note 1:

Unless stated otherwise the CMC is based on the performance of the best available device and measurement uncertainties achieved for specific calibrations may be greater than the CMC Uncertainty. A laboratory may not report measurement uncertainties lower than its CMC. However, if the device under calibration has a greater accuracy than the device used to calculate the CMC the laboratory may be able to use the calibration data to lower its CMC Uncertainty. Please contact the laboratory to discuss your specific requirements.

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