



➤ July 2020

Kia ora koutou

Thank you for your support of our virtual event to celebrate World Metrology Day on 20 May 2020. We had over 100 participants registered from around the world. If you missed it, you can watch some of the presentations and the full replay on our [YouTube channel](#). Now more than ever we rely on the measurement system to assist us in fighting the global pandemic, and to protect the health and economic wellbeing of our citizens. We've highlighted where we have measurement expertise to assist with COVID-19 on our [website](#). The completion of our new laboratory building at Gracefield was also affected by the pandemic but was handed over to us at the end of June.

I look forward to welcoming you to see our new laboratories soon.

Ngā mihi

Fleur Francois
Director, MSL



New Home for MSL Temperature and Electrical Standards

We finally have the keys! In late May we treated Prime Minister Rt Hon Jacinda Ardern and Minister for Research, Science and Innovation, Hon Dr Megan Woods to a special preview of the nearly complete building which just needed a few additional finishing touches prior to handover to MSL. The move and commissioning project can now commence and you can keep up to date with all time frames and progress on the website.

 [READ MORE](#)



Proficiency Testing

In order to prove or improve your Laboratory's capability you should be participating in Proficiency Testing. The MSL Proficiency Testing Programme now has the following PTs about to start. So, don't delay your registration:

- [Micrometers](#) - [Digital Voltmeters](#)

 [Find out more](#)

2020 Training Courses

All courses scheduled for August in Auckland and Lower Hutt have been postponed. If you or your staff require training we ask that you inquire with us using the [Training Request](#) form and we will plan on offering these when and where there is demand.

We have two courses running on demand in Christchurch in August - [Balances and Weighing](#) 11 August and [Infrared Radiation Thermometry](#) on 19 August.

If you're interested in either of these courses don't delay your registration!

 [Find out more](#)





New Thermocouple Calibration Service

Thermocouples have long been considered the workhorse of temperature measurement. Simple and robust, they can operate across a wide range of temperatures, making them suitable for any number of applications. “But their simple design belies the complex processes they undergo when in use,” says MSL Senior Research Scientist, Dr Emile Webster. Alongside Distinguished Scientist Dr Rod White, Webster has been leading MSL’s thermocouple thermometry work for a decade. And now, they’re rewriting the book on thermocouple calibration.

 [READ MORE](#)



NZ Pressure community review

The pressure industry has seen considerable development over the last decade in the way pressure is measured and how devices are calibrated. MSL’s [Pressure Standards team](#) are responding to this by undertaking a review of their own capabilities with respect to the needs and capabilities of the New Zealand pressure industry. The team are currently in the process of contacting industry laboratories and key industry users to get an understanding of the needs, trends, issues and direction facing New Zealand’s pressure community. They are aiming to speak with as many community members as possible before the end of the year and once all the responses are collated, share an anonymised high-level overview of the findings to everyone involved.

If you wish to contribute to this review please contact [Peter McDowall](#).

Tell us what sort of information you would like to receive in future updates from us by emailing info@measurement.govt.nz



www.measurement.govt.nz



info@measurement.govt.nz

To manage your subscription preferences click [here](#).

Copyright © Measurement Standards Laboratory of New Zealand, 2017

A business of

CallaghanInnovation