



➤ October 2019

Tēnā koutou

Welcome to the October edition of elaborate where we're pleased to update you on upcoming proficiency tests, new technical guides, and progress constructing our new building at the Gracefield Innovation Quarter.

Please also check out the blog from our first metrology apprentice Nina and watch our video demonstrating how the Lego Kibble Balance works.

Ngā mihi

Fleur Francois
Director, MSL

The Apprentice

It's been an exciting first few months for MSL's apprentice and we'd like to share that with you. Nina Wronski started with MSL on 30 June 2019 as our first Measurement Technician Apprentice and will be documenting her progress blog style.

Read Nina's first blog post [here](#).

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MSL Proficiency Testing

Two Proficiency Tests are open for registration and due to commence in November:

- [Digital Voltmeter](#)
- [Benchtop Spectrophotometer](#)

Coming soon in early 2020 is Dial Gauges & Micrometres. Participating in Proficiency Testing obtains evidence of the performance of measurement capabilities and gives clients confidence in the quality of results.

 [Find out more](#)

New Technical Guides

We recently published three new Technical Guides that will provide assistance with measurement techniques and support best practice in the following areas. This is part of our ongoing programme of Technical Guides delivery and more are coming in December.

- TG 39 Making Sense of Thermocouples - Noble-Metal Thermocouples, Best Practice and Care
- TG40 Interpolating Corrections from Calibration Certificates
- TG41 Using Peltier Devices for Temperature Control

These TGs are all from our Temperature Section, so click below to go to our Resources Page, click on the Temperature and Humidity section and scroll to the bottom. You can also subscribe to our Resources page and be alerted when something new is uploaded.

 [READ MORE](#)

New Laboratory update

Construction is well underway on the new building at Gracefield that will house MSL's Temperature and Electrical Standards. We expect the building to be completed around March 2020 and the move will be staged to minimise service interruption. Once we have more certainty about the timing, we will contact customers to discuss any potential impacts.



Lego Kibble on Video

What started as a Summer student project in December 2017, has now become the hero of our Kilogram to Kibble display unit that has been tripping around the country for the SI Roadshows and numerous other exhibition opportunities. We've now created a video to demonstrate how it works.




[▶ READ MORE](#)



MSA Conference

The 2020 Conference of the Metrology Society of Australasia will be held in Melbourne, Australia from 3 – 5 March 2020. This is a biennial conference and an excellent knowledge sharing and learning opportunity with multiple workshops and presentations, alongside the extremely valued networking time with other Lab owners, technical staff and scientists from MSL, NMI and universities. Registrations and Call for Abstracts are open now.

 [Find out more](#)

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