

# Physical Sciences Testing Laboratories Newsletter

## Issue 1

July 2016

### आपनुं स्वागत छै: *Āpanum svāgata chē*

Welcome to the first issue of the Physical Sciences Testing Laboratories Newsletter. Because that is quite a long name, I'm going to call it PSTL for short! We welcome feedback at any time, including ideas for features in upcoming newsletter issues. Each issue we will say welcome and goodbye in a different language. The PSTL newsletter will share some features with metrology newsletters, and I apologise for repeated information for those laboratories who will receive both!

### Goals

- To provide helpful, relevant and interesting information to technical and 'work-bench' staff members at laboratories accredited under the IANZ Mechanical, Applied Physics and Electrical testing programmes, in a relatively informal and concise manner;
- To summarise IANZ activities of interest or importance to those laboratories;
- To become a platform for discussion (perhaps a Q&A feature?);
- To increase communication between accredited laboratories and IANZ;
- To release an issue every two months.

### In this issue

- The team
- IANZ electronic records
- IANZ fee schedule update
- Intro to IANZ CBD programme
- World Accreditation Day
- Updated IANZ Specific Criteria documents
- IANZ technical policies
- Relatively new general manager
- Regular features

### The team

Applied Physics and Electrical Testing are programmes managed by Gavin Tasker, and

Mechanical and Gas Cylinder Testing is managed by Keith Towl. Claire Jongenelen is an Accreditation Assessor in Gavin's programmes and has been with IANZ since October 2012. Andy Skeates is the newest member of Keith's team and he started in September 2014. Paul Nichols' time is spread over Mechanical and the Inspection Body programme (multi-talented). Paul has been at IANZ since 2008. Maggie Shum is the Coordination Officer for Gavin and Keith's programmes. You have probably received emails from her, especially regarding scope updates and formal things like continuation of accreditation.

### IANZ electronic records

Some of you will have noticed that IANZ is dealing almost entirely in electronic records and documents now. This means you don't have to supply forms and CAR clearances etcetera in hard-copy; emailed versions are preferred. Also, your assessment reports may be sent out only electronically by default; please let us know if a hard copy is required.

### IANZ fee schedule update

Authorised representatives have recently been sent an email regarding an IANZ fee increase effective 1 July 2016. The fee schedules can be found [here](#).

### Intro to IANZ CBD programme

The Chemical, Biological and Dairy (CBD) Testing Programme is comprised of eight different programmes, spanning Chemical, Biological, Dairy, Laboratory Approval Scheme (LAS), Export Laboratory Programme (ELP), Drinking Water, Proficiency Testing Provider, Reference Material Producer and Wool Testing. In total, the CBD Programme makes up approximately 290 separate accreditations. In September 2015, the Ministry for Primary Industries (MPI) established a new standard for the laboratories operating under the Animal Products Act. The notices for the Dairy, LAS and ELP laboratories were all

withdrawn and the Recognised Laboratories Programme (RLP) was established. The main focus of this new standard was to regulate all export testing and bring them under one notice.

Anne Hofstra is the CBD programme manager and this summary was provided by Don Arnold, a CBD accreditation assessor.

### World Accreditation Day was June 9, 2016



The focus of this year's WAD was Accreditation: a global tool to support public policy. You can find the ILAC brochure on 2016 WAD [here](#).

### Updated IANZ Specific Criteria documents

In 2015 IANZ made changes to some of the Specific Criteria documents. One of the main changes was that the traceability and proficiency testing sections were replaced (basically) with reference to new IANZ policies (see below).

Please check the [IANZ website documents page](#) to make sure you have the current version of your applicable specific criteria document.

### IANZ Technical Policies

In October 2014 IANZ introduced its first two Technical Policies, which can also be found on [our website](#). These are: TP1 Measurement Traceability and TP2 Proficiency Testing Participation. These form part of the accreditation criteria and are referred to in the specific criteria document. Most of the information was included in the last versions of the specific criteria but has now been formalised at a 'level up' in the document tree, and these documents are now referenced in the updated versions of specific criteria; the policies apply to some other IANZ programmes as well.

### (Relatively) new General Manager

Phil Barnes took over from Barry Ashcroft in December 2014. As the IANZ GM Accreditation Services, Phil oversees all the accreditation programmes and the five programme managers. Phil was previously a member of the executive leadership team at PSTL Newsletter compiled by Claire Jongenelen

Waitemata District Health Board, and before that a programme manager at IANZ for medical testing laboratories, radiology and pharmacy. As an IANZ advisor to ISO and Standards NZ, he introduced the international medical testing standard to New Zealand and completed the world's first assessment against the standard in Wellington in April 2003. (Feature copied in part from IANZ-Argus newsletter November 2014.)

### Testing and metrology in the media

You probably will have seen all [the media](#) coverage of the issues in steel testing in New Zealand. A lot of coverage has been on the [radionz.co.nz](#) website and it was also discussed in the latest issue of the IANZ Argus newsletter which can be found [here \(pdf\)](#).

For those interested in metrology, exciting times are afoot in the world of the SI! Recently there was a piece on [stuff.co.nz](#). If you have access to past copies, take a look at the relatively short but incredibly interesting articles on the new SI in:

- New Scientist issue 3041 (3 October 2015) and
- New Zealand Geographic issue 137 (January – February 2016).

### Fun bits and internet stuff

- A [neat video](#) about space elevators by Kurzgesagt. Who doesn't need some pretty animated information about space elevators in their life?
- Test out your hypothesising skills with the Beaker Ball Balance Problem [here](#).

Have fun!

I hope you enjoyed this newsletter. Next one due in September.



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[Source](#)