

Apprentice Technician

Business Unit	Commercial Business
Team	Measurement Standards Laboratory – Length & Mass Quantities
Reports to	Manager, Length & Mass Quantities
Direct Reports	N/A
Date Prepared	February 2019

About Callaghan Innovation

Callaghan Innovation is New Zealand's innovation agency.

We're here to liberate innovators. We connect businesses to the networks, capability and funding they need to make their ideas happen. We challenge both our customers and New Zealand to step up to the challenge of technological change. We have more than 200 of New Zealand's leading scientists dedicated to solving tough technical problems, our programmes help hundreds of companies improve their ability to innovate, and we boost business R&D through more than \$140m a year in grants.

About the role

Callaghan Innovation are committed to creating an environment for our people to do their best work, this includes providing opportunities for ongoing personal and professional development.

This is an entry level role for an individual with the passion to learn the basics of metrology, calibration and measurement uncertainty. Working with an experienced and talented team to perform basic calibrations and draft reports, learning the foundations of laboratory work and growing your skills and understanding across a wide range of metrology areas.

Key deliverables

▼ Home safe everyday

- Be responsible for your own and others' health and safety, by taking appropriate action to deal with work place hazards, accidents and/or incidents in ways that comply with our H&S policies, procedures and systems. Promote healthy and safe behaviour at work.

▼ General Responsibilities

This role is a learning role for the successful individual, they will be responsible for driving their own growth through a range of learning channels. They will be expected to contribute to the overall smooth operations of the laboratory through a number of areas including:



- Care and use of a range of laboratory equipment to ensure maintenance is carried out as and when required and that it is operated in line with our standard operating procedures.
- Carry out basic calibrations of/ or using laboratory equipment and draft calibration reports.
- Provide routine measurements using relevant laboratory equipment.
- Carry out calculations of measurement uncertainties
- Develop knowledge and skills toward IANZ Approved Signatory Status
- Contribute and learn in other areas of metrology as the opportunities become available.

▼ Learning & Growth

- Actively learn about our environments and technologies to become more proficient in their use.
- Learn about documentary standards and technical procedures including the process of development and application

▼ Policies

- Be familiar with, and comply with, all policies and procedures including HSE, records and document management, code of conduct for State Services (SSC), and standards and expectations.

Other duties as may be reasonably assigned to this position in consultation with the Manager, Length and Mass Quantities.

Core competencies

Foundational

Action Orientation	Take on new opportunities and tough challenges with a sense of urgency, high energy and enthusiasm
Customer Focus	Build strong customer relationships and deliver customer-centric solutions
Collaboration	Build partnerships and work collaboratively with others to meet shared objectives

Skills, knowledge and experience

▼ Essential skills

- A strong understanding of maths and statistics, along with a passion for science and/or engineering
High level of curiosity – keen to understand how things work.
- Self-motivated and positive individual with an enthusiasm for learning new things
- Skill Problem solver who looks for out of the box solutions.
- Learning agile – keen to grow, develop and take on more responsibility



- Able to work autonomously to a high standard.
- Good communicator who seeks support and guidance as required.
- High level of self-awareness.

▼ **Qualifications and Experience**

- Maths/Science/Physics NCEA Level 2

