# Position Details

## Technical Services- CSOF4

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| The following information is for applicants | | | |
| Advertised Job Title | | Laboratory Technician | |
| Job Reference | | 94915 | |
| Tenure | | Specified Term of 3 years  Full-time | |
| Salary Range | | AU$89,680 - AU$101,459 per annum (pro-rata for part-time)  plus up to 15.4% superannuation | |
| Location(s) | | Pullenvale, QLD | |
| Relocation Assistance | | Will be provided to the successful candidate if required | |
| Applications are open to | | * Australian/New Zealand Citizens and Australian Permanent Residents * Australian Temporary Residents, currently residing in Australia with a valid visa and unrestricted work rights | |
| Position reports to the | | Team Leader | |
| Client Focus – Internal | | 90% | |
| Client Focus – External | | 10% | |
| Number of Direct Reports | | 0 | |
| Enquire about this job | | Contact Xing Li via email at xing.li@csiro.au or phone +61 7 3327 4634 | |
| How to apply | | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. | |

**Acknowledgement of Country**

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](https://www.csiro.au/en/about/Indigenous-engagement/Reconciliation-Action-Plan).

**Child Safety**

CSIRO is committed to the safety and wellbeing of all children and young people involved in our activities and programs. View our [Child Safe Policy](https://www.csiro.au/en/about/policies/child-safe-policy).

### Role Overview

The role of Technical Services staff in CSIRO is to provide support for scientific research in a diverse range of laboratory and field situations across a range of different research projects. This support consists of the application of accepted technical practices and the development of new practices.

We seek a suitably qualified Technician from a technical or trades background to perform physical properties testing and experimental research associated with mechanical rock breakage in the Queensland Centre for Advanced Technologies' (QCAT) Rock Cutting Laboratory and associated areas.

### Duties and Key Result Areas

* Maintain/fault find instrumentation as part of bespoke experimental apparatus
* Design and build circuits and systems to measure parameters such as load/force/pressure/torque/displacement.
* Perform experiments to advance rock cutting/drilling research.
* Prepare samples for physical properties testing/rock cutting research.
* Maintain, repair and calibrate laboratory equipment.
* Under general direction, develop original techniques, procedures or equipment.
* Undertake a wide variety of tasks or tasks that have a high degree of technical difficulty.
* Encounter problems where methods are not defined and use initiative to seek new approaches to meet client needs and improve the services provided.
* Participate in the planning of projects and accept responsibility for carrying out the parts of the project, including data analysis, and typically make contributions to the interpretation and communication of results.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, regionally dispersed research team to carry out tasks in support of CSIRO scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Values, Code of Conduct, Health, Safety and Environment procedures and policy and diversity initiatives.
* Other duties as directed.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. Trade certificate in Electrical/Instrumentation.
2. Demonstrated hazard recognition ability and commitment to OHSE.
3. Demonstrated ability to understand control systems.
4. Experience with experimental equipment design and construction.
5. Experience with the operation, repair and maintenance of machinery and instrumentation.
6. The ability to work effectively as part of a multi-disciplinary, regionally dispersed research team and carry out tasks under general direction from Senior Technical Staff.
7. The ability & willingness to contribute novel ideas and approaches in support of scientific investigations.

## **Desirable**

1. LabVIEW experience.
2. Restricted electrical license.
3. AutoCAD/SOLIDWORKS experience.

## **Required Competencies**

* **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
* **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
* **Resource Management/Leadership:** Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.
* **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
* **Independence:** Recognises and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

Special Requirements

Appointment to this role is subject to provision of a pre-employment background check and may be subject to other security/medical/character clearance requirements.

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](http://www.csiro.au/) for more information.

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* People First
* Further Together
* Making it Real
* Trusted