# Position Details

## Technical Services- CSOF3

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| The following information is for applicants |
| Advertised Job Title | Mechanical Technician |
| Job Reference | 74859 |
| Tenure | Indefinite, full-time |
| Salary Range | AU$64k to AU$82k per annum, plus up to 15.4% superannuation |
| Location(s) | Hobart, Tasmania |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian or New Zealand Citizens and Australian Permanent Residents |
| Position reports to the | Team Leader, Engineering Technical Services |
| Client Focus – Internal | 90% |
| Client Focus – External | 10% |
| Number of Direct Reports | 0 |
| Enquire about this job | Chris Blood via email: Christian.Blood@csiro.au  |
| 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 or call 1300 984 220. |

### Role Overview

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

The Mechanical Technician works with science teams to develop tools which support a diverse range of research projects both in the laboratory and in the field. This support consists of the application of mechanical engineering practices in the manufacture of science systems and platforms. The role is part of Engineering and Technical Services (ETS), a land based team situated in Hobart. This team of six Mechanical Technicians provide engineering solutions to the National Collections and Marine Infrastructure (NCMI) Business Unit and the Marine National Facility (RV Investigator) as well as other business units within CSIRO. In addition, ETS supplies mechanical support to other science based teams outside of CSIRO, including the Australian Antarctic Division (AAD) and University of Tasmania (Utas).

### Duties and Key Result Areas:

* Provide technical general engineering within the ETS facility to research programs for both CSIRO and external clients.
* Design equipment and adapt techniques to meet special circumstances and client needs and/or undertake modifications to methods or equipment requiring limited innovation.
* Assist the activities of less experienced staff and apprentices and provide on-the-job training.
* Liaise with internal clients to determine their needs and take personal responsibility for their satisfaction, correct problems promptly and in a constructive manner.
* Participate in the planning of projects and accept responsibility for carrying out major parts of these project, including data analysis, and typically make significant 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 technical team to carry out tasks in support of CSIRO scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## **Selection Criteria**

#### Essential

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

1. A relevant trade certificate in Fitting and Machining or Welding, with experience post trade qualification.
2. Proven welding experience in TIG, MIG, Oxy/Acty in stainless steel and aluminium.
3. Demonstrated ability to interpret engineering technical drawings.
4. Proven ability to proactively prioritise competing tasks based on information provided by clients and other scientific or technical staff.
5. Effective interpersonal skills, including a demonstrated ability to work productively in a small team environment, take direction and identify/escalate complex issues where relevant.
6. Strong communication skills, both written and oral, including the ability to convey technical information to both technical and non-technical audiences.
7. High level of computer literacy, particularly on the Microsoft suite of programs.

## **Desirable:**

1. Experience in 3D drawing software and CAD/CAM software.
2. Axis CNC programming/operating experience.

## **Required Competencies:**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

Special Requirements

The successful candidate will be asked to obtain and provide evidence of a National Police Clearance or equivalent. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## **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