# Position Details

## Technical Services – CSOF2

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| The following information is for applicants | |
| Advertised Job Title | Apprentice Fitter and Machinist |
| Job Reference | 98475 |
| Tenure | Specified Term of 4 years, Full-time |
| Salary Range | AU$33,514 - AU$60,325 per annum plus up to 15.4% superannuation |
| Location(s) | Marsfield, NSW |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian Citizens Only |
| Position reports to the | Instrument Manufacturing Lab Supervisor |
| Client Focus – Internal | 0% |
| Client Focus – External | 0% |
| Number of Direct Reports | 0 |
| Enquire about this job | Michael Bourne (Instrument Manufacturing Lab Supervisor) via michael.bourne@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](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 Instrument Manufacturing Laboratory is part of the CSIRO’s Space and Astronomy business unit. It develops and manufactures state of the art instrumentation for radio astronomy facilities. These facilities are located at Parkes and Narrabri in NSW, and Murchison in WA. The laboratory also manufactures components for other radio astronomy facilities both within Australia and overseas.

The successful candidate will complete a four-year apprenticeship in Fitting and Machining. Practical training will include working in the Instrument Manufacturing Laboratory. This laboratory is a well-equipped machine shop with senior technical staff who take pride in their contribution to scientific research. Apprentices are also required to attend weekly training at a nominated TAFE college.

### Duties and Key Result Areas

* Manufacture and assembly of components to specified tolerances and high standards to support research projects and existing radio astronomy facilities.
* Complete Certificate III in Engineering (Fitting and Machining) at TAFE college.
* Complete practical work-based training using a variety of workshop equipment including manual and CNC machine tools, CAD/CAM software and welding machines.
* Develop skills in interpreting and working from engineering drawings, sketches and verbal instructions.
* Communicate 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 with colleagues within the team, the business unit and across CSIRO, to reach objectives.
* Adapt techniques, procedures, equipment, concepts and ideas in support of existing and further research.
* 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.*

* Completion of year 12 education.
* Interest in engineering/manufacturing and motivation and willingness to pursue a career in fitting and machining.
* Capacity to work effectively as part of a multi-disciplinary, regionally dispersed research team, and carry out tasks under the direction of Senior Technical Staff.
* Ability and willingness to contribute novel ideas and approaches in support of scientific investigations*.*

## **Desirable:**

* Evidence of an interest in design/ manufacturing. (i.e. project pieces and/or photos)
* Completion of any technical or trade related subjects/training.

## **Required Competencies**

* **Teamwork and Collaboration:** Demonstrates initiative, actively contributing as a team member. Supports team decisions and keeps other team members up to date about individual actions. Shares all relevant and useful information. Pitches in and helps other team members when necessary.
* **Influence and Communication:** Communicates basic facts in a courteous manner including posing appropriate questions to gain factual information.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Selects appropriate solutions to clearly defined problems using readily available information. Alternatives are limited and prescribed or apparent.
* **Independence:** Accepts personal responsibility for doing the job well. Looks for opportunities to improve the way things are done and makes recommendations accordingly.
* **Adaptability:**Accepts the need for change to work routines or technology.

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.

Include if relevant:

* The successful candidate will undertake a pre-employment background check. Please note that individuals with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* *If you have any queries regarding finalising the Duties and Key Result Areas or the Special Requirements for this position, please consult with In-business HR or the Talent Acquisition Team.*

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. Visit [CSIRO Online](http://www.csiro.au/) and [Space & Astronomy](https://www.csiro.au/en/research/technology-space/astronomy-space?start=0&count=12) for more information.

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

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