# Position Details

## Technical Services- CSOF3

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| The following information is for applicants |
| Advertised Job Title | Electronics Technician – Australia Telescope Compact Array, NarrabriAustralia Telescope National Facility (ATNF) |
| Job Reference | 69234 |
| Tenure | Indefinite (Full-time preferred)Job share arrangement will be considered (minimum 18 hours/week each) |
| Salary Range | AU$63k - AU$80k per annum, plus up to 15.4% superannuation |
| Location(s) | Narrabri (regional New South Wales) Australia |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian or New Zealand onshore Citizens and Australian onshore Permanent Residents |
| Position reports to the | Team Leader of Electronics and Cryogenics |
| Client Focus – Internal | 100% |
| Client Focus – External | 0% |
| Number of Direct Reports | 0 |
| Enquire about this job | Mike George via email at: Mike.George@csiro.au or phone: 02 6790 4069 |
| How to apply | Apply online at <https://jobs.csiro.au/> Internal applicants please apply on **Jobs Central** via People HubIf 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 range of different research projects. This support consists of the application of accepted technical practices and the development of new practices.

### The Electronics Technician - Australia Telescope Compact Array supports astronomy research for the Australia Telescope National Facility (ATNF) in Narrabri (north-western New South Wales). The position sits within a small technical team and holds responsibility for technical maintenance, operations support and upgrades on the Australia Telescope Compact Array.

### Duties and Key Result Areas:

* Undertake on-the-job training to gain specific knowledge and experience on a wide range of electronic data acquisition and control electronics associated with the various systems of the telescope infrastructure.
* Maintain the electronics instrumentation of the telescope whilst considering operational and financial constraints. This will involve hand soldering and the use of electronic equipment.
* Undertake fault diagnosis and routine maintenance on a broad range of electronic equipment.
* Attend to afterhours breakdowns and work flexible hours as required.
* Occasionally travel to other sites to assist with installation and maintenance of electronic systems.
* Coordinate resources for both planned and unplanned maintenance activities and provide additional assistance for other teams when necessary, including support for cryogenic staff on maintenance activities.
* Work to improve or create documentation for processes associated with maintenance activities, including the creation and administration of document management systems.
* Work collaboratively as part of a multi-disciplinary, regionally dispersed team, to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Other duties as directed.

## **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.

## **Selection Criteria**

#### Essential

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

1. A relevant Electronics Certificate, Associate Diploma or equivalent (or working toward either), in Electrical/Electronic Engineering from a recognised technical college or tertiary education institution.
2. A current Class ‘C’ Australian driver’s licence (or equivalent).
3. The ability and willingness to work and access heights up to 50m above the ground.
4. A demonstrated commitment to Health, Safety and Environment as a core value.
5. Experience with soldering, rework of PCBs and electronic modules as well as mechanical assembly.
6. Proven experience in fault finding and diagnostics to solve unique problems for a wide variety of systems.

## **Desirable:**

1. Experience with computer aided drafting (CAD), mechanical, cryogenic or vacuum equipment support.
2. Australian Heavy Rigid (HR) Driver’s License and/or experience with EWP or HIAB.
3. Previous experience working at heights, and vertical rescue or confined space training.
4. Experience with data cabling including working with optic fibre installation and splicing.

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. To find out more visit [CSIRO](http://www.csiro.au/) and [CSIRO Astronomy and Space Science](https://www.csiro.au/en/Research/Astronomy)