# Senior Electrical Mechanical Technician

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| Advertised Job Title**:** | Senior Electrical Mechanical Technician |
| Reference Number**:** | 58138 |
| Classification**:** | CSOF 5  |
| Salary Range: | AU $95,369 to AU $103,205 plus up to 15.4% superannuation |
| Location**:** | New Norcia Ground Station, Western Australia |
| Tenure: | Indefinite |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian Citizens and Permanent Residents  |
| Functional Area**:** | Technical Services  |
| Reports To: | M+O Manager |
| Number of Direct Reports: | TBA |

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| **Role Overview:** |
| The New Norcia Ground Station supports ground-based spacecraft telecommunications as part of the European Space Agency’s Tracking Stations Network (ESTRACK), under proposed contractual arrangements between ESA and Commonwealth Scientific Industrial Research Organisation (CSIRO). The position of Senior Electrical Mechanical Technician performs basic installation works, routine maintenance tasks, implements agreed modifications and conducts fault finding and repair of complex antenna and building power and HVAC systems, and oversees and manages specialist mechanical and electrical contractors. Responsibility includes specialist support in operation and maintenance of power and HVAC systems and site building and services facilities, antenna mechanical systems diagnostics and condition monitoring, maintenance and technical planning, acts as primary POC for contractor management on site and HSE POC. |

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| **Duties and Key Result Areas:** |
| * 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 as part of a multi-disciplinary, often regionally dispersed team, to carry out tasks autonomously in support of scientific research.
* Provide specialist assistance on technical systems, including:
	+ *Power generation and distribution systems, including HV systems*
	+ *HVAC Systems*
	+ *BMS, SCADA and PLC systems*
	+ *Site buildings and support services, including associated minor installations*
	+ *Powerhouse including fault finding, operation and switching (following training)*
	+ *Provide back up to specialist controls technician on site re basic fault finding.*
	+ Review and update maintenance database and plans or coordinates maintenance activities for designated systems using in house or contractors.
	+ Participate in and provide support for performance testing, quality reports, data capture and analysis to assist ESA with anomaly resolution.
	+ Provide local support and facilitate the coordination, implementation of ESA engineered solutions for designated systems.
	+ Use Computerised Maintenance and Management System (CMMS) based tools to maintain and improve where possible maintenance efficiencies, sparing and reliability of systems.
	+ Participate in planning meetings, scheduling tasks and allocating task priorities.
* Provide support for minor project and ESA configuration management, including:
	+ *Supervising contract staff on site on specific minor project tasks;*
	+ *Arranging and providing costings, quotes and orders for minor projects and maintenance tasks;*
	+ *Updating ESA maintenance databases;*
	+ *Act as HSE point of contact for the site.*
* Perform maintenance and installation activities while working at height or within confined spaces
* Adhere to the spirit and practice of CSIRO’s Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.
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| **Selection Criteria:** |
| ***Pre-Requisites:***1. **Education/Qualifications**: Electrical Trade Certificate, or higher qualification combined with 7 plus years working in an industrial type maintenance and operations environment as lead electrical technician
2. **Other Certifications:** Current WA Electrical Licence, Senior First Aid, Current driver’s licence,

*Please note:**Under CSIRO policy only those who meet all essential criteria can be appointed****Essential Criteria:***1. Demonstrated experience in industrial maintenance environment using maintenance database systems.
2. Experience in BMS, PLC and SCADA systems and in HVAC system maintenance.
3. Competency withPC based applications including MS Office suite.
4. The ability to work effectively as part of a multi-disciplined, regionally dispersed team, and carry out tasks autonomously.
5. Excellent communication skills, both written and oral, including the ability to anticipate the interests and knowledge level of an audience and present information and feedback accordingly.
6. Demonstrated ability to effectively manage a number of competing priorities simultaneously, and carry out non-routine tasks under broad direction from Senior Technical/Research staff.

**Desirable Criteria:**1. Confined Spaces training (or willingness to attain), Elevated Work Platform (or willingness to attain), Construction White Card (or WA equivalent), Basic Rigging (or willingness to attain).
2. Experience in HV systems switching, or willingness to undertake specialised training in HV switching and safety.
3. HSE representative qualifications

**Special Requirements:** Appointment to this role may be subject to conditions including security/medical/character clearance requirements. You must also be willing and able to:1. Work to a call out roster for all technical staff to provide out of hours coverage for critical equipment failures.
2. Support pre planned out of hours critical tracking events.
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| **Other Information:** |
| **To express your interest:** Please go to <https://jobs@csiro.au> and enter reference 58138 and click **Apply**. First create a profile, then upload your resume and cover letter. In your cover letter please tell us how your skills, knowledge and experience meet the selection criteria.If after reading the Position Description you require further information please contact Lesley Kliska at lesley.kliska@csiro.au. Please note: applications sent to Mrs Kliska may not be considered.If you experience difficulties applying online please call 1300 984 220 for assistance or email:   csiro-careers@csiro.au. *We work flexibly at CSIRO, offering a range of options for how, when and where you work. Talk to us about how this role could be flexible for you.* *Find out more!*[*CSIRO Balance*](https://www.csiro.au/en/Careers/A-great-place-to-work/Work-life-balance)**About CSIRO**At CSIRO, we do the extraordinary every day. We innovate for tomorrow and help improve today - for our customers, all Australians and the world.We imagine. We collaborate. We innovate. |