# Position Description

## Research Projects – CSOF4

The following information is for applicants

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| Advertised Job Title**:** | Technical Officer for Geomechanics & Geophysics Testing Laboratory |
| Job Reference: | 60285 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | All Candidates |
| Percentage of Client Focus - Internal: | 95% |
| Percentage of Client Focus - External: | 5% |
| Reports to the: | GGL Team Leader/Manager |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries: | Mr. Shane Kager  Email: [shane.kager@csiro.au](mailto:shane.kager@csiro.au) |
| Contact Details For Applying: | Call 1300 984 220 or email [careers.online@csiro.au](mailto:careers.online@csiro.au). |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ through the ‘People Hub’ icon  Please do not email your application directly to Shane Kager.   Applications received via this method will not be considered by the selection panel. |

## Role Overview:

Research Projects staff in CSIRO collaborates in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work. Research Projects staff may be involved in providing consulting services, science management and/or industry liaison.

## Geomechanics Geophysics Laboratory (GGL) is a world class research facility that undertakes Geomechanical testing of core samples for science in the Energy sector. Technical Officers receive cores of rock samples from clients all over the world and conduct commercial or research science testing programs. The testing of samples is a complete cycle analysis from sample core arrival, processing, analysing and report delivery. Mimicking deep geological conditions the testing equipment is high pressure and elevated temperature and as such this is a high risk work environment.

As a Technical Officer in the GGL the expectation is to be able to proactively drive and run the project testing regime at an autonomous level. In this role you will be processing cores/samples from registration, sample preparation, recording, CT, Storage, analysing sample and data processing the reports to deliver to Project Leaders and/or clients. Troubleshoot, remedy and undertake ongoing monitoring of equipment.

## Duties and Key Result Areas:

* Liaise with clients to determine their needs and take personal responsibility for their satisfaction, correct problems promptly and in a constructive manner.
* Under general direction, manage a facility or service supporting a large number of users, undertake a wide variety of tasks or tasks that have a high degree of technical difficulty, documenting procedures and training clients in systems and processes.
* Participate in the planning of projects and accept responsibility for carrying out major parts of the project, including data analysis, and typically make significant contributions to the interpretation and communication of results.
* Be able to proactively negotiate with external bodies.
* Utilise management expertise including the ability to plan, organise and monitor the allocation of resources across a facility.
* Develop original techniques, processes, equipment or software, especially when encountering new problems where methods are not defined and initiative is required in seeking new approaches to improve the service provided and meet client needs.
* 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, often regionally dispersed research team, and business unit 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.

## CSIRO Competencies:

1. **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.**
2. **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.**
3. **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.**
4. **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
5. **Independence: Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).**
6. **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.

## Selection Criteria:

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

1. Relevant certificate/diploma/degree or relevant work experience in the area of Experimental Geomechanics or Geophysics sciences or Mining/Industrial Laboratory Experience
2. Demonstrated experience using technical abilities to solve mechanical and software issues through root cause analysis
3. Proactive attitude and ability to work autonomously in a team oriented environment.
4. Strong communication skills and collaborative abilities.

## Desirable Criteria:

1. Certificate/diploma/degree or relevant work experience in the area of hydraulic systems
2. Certificate/diploma/degree or relevant work experience in the area of software development, electronics/electrical work

## Special Requirements:

This is a physically active position with the successful candidate needing to work in and around equipment with the ability to move heavy items up to 20kg.

Appointment to this role may be subject to conditions including security/national police/medical/character clearance requirements. Applicants who are not Australian Citizens or Permanent Residents may be required to undergo additional security clearances, which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).- <https://ielts.com.au/>

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