



## Position Details

### Research Projects- CSOF3

#### THE FOLLOWING INFORMATION IS FOR APPLICANTS

<b>Advertised Job Title</b>	Chemical Engineer
<b>Job Reference</b>	85127
<b>Tenure</b>	24 month specified term. Full-time
<b>Salary Range</b>	AU\$66,163 - AU\$84,207 pa (pro-rata for part-time) plus up to 15.4% superannuation
<b>Location(s)</b>	Clayton, VIC
<b>Relocation Assistance</b>	Will be provided to the successful candidate if required
<b>Applications are open to</b>	<ul style="list-style-type: none"><li>• Australian/New Zealand Citizens</li><li>• Australian Permanent Residents</li><li>• Australian Temporary Residents, currently residing in Australia with a valid working visa to cover the length of the specified term without the requirement of visa sponsorship from CSIRO</li></ul>
<b>Position reports to the</b>	Team Leader
<b>Client Focus – Internal</b>	50%
<b>Client Focus – External</b>	50 %
<b>Number of Direct Reports</b>	0
<b>Enquire about this job</b>	Contact Kristina Konstas or Matthew Hill via email at <a href="mailto:Kristina.konstas@csiro.au">Kristina.konstas@csiro.au</a> or <a href="mailto:Matt.Hill@csiro.au">Matt.Hill@csiro.au</a>
<b>How to apply</b>	Apply online at <a href="https://jobs.csiro.au/">https://jobs.csiro.au/</a> Internal applicants please apply via <b>Jobs Central</b> If you experience difficulties when applying, please email <a href="mailto:careers.online@csiro.au">careers.online@csiro.au</a> 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](#).

## 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.

CSIRO's Applied Porous Materials Team has several large projects with various commercial partners, which are focused on preparing porous materials, characterisation, performance testing and building devices. In this role the researcher will have a great opportunity to build a new skill set, apply their knowledge, and network and provide evidence to show their ability to deliver impact through their research.

This team has a rich array of fundamental and applied projects underway and is seeking to appoint a person that can apply technical skill, problem solve, manage instrument equipment, and be challenged to design and build devices. The successful applicant will strengthen the engineering capability of the team and build on their portfolio of skills.

## Duties and Key Result Areas:

- Under technical direction, undertake tasks and work with discretion to decide on the timing of operations within the work team's plan and planning ahead to meet experiment and/or project demands.
- Support in a variety of tasks like managing laboratory equipment and its day-to-day operations.
- Provide training for users of laboratory equipment, execute experimental setup and designs.
- Under technical direction undertake experiments, laboratory analyses or technology development activities (some non-routine) using a range of techniques, often working on a number of parallel and competing tasks.
- Additional activities will also include contributing to report writing and technical analysis.
- 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's scientific objectives.
- Run and maintain key technical equipment which are crucial to project deliverable.
- 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 tertiary degree in Chemical, Materials or Mechanical Engineering, and/or relevant industry work experience in similar field.
2. Demonstrated practical application and/or industry experience in any of the following industries: chemical, gas or processing.
3. Demonstrated experience in handling chemicals and gases.
4. Evidence of participation or leadership in safe work practices in laboratories.
5. Proven experience in using analytical instruments
6. Demonstrated track record of working collaboratively within a team to achieve results.

### Desirable:

1. Experience in design and constructing devices
2. Experience in Swagelok

## Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance 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 us [online!](#)

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

Find out more about CSIRO [Manufacturing](#)