# Position Details

## Research Projects- CSOF2

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| The following information is for applicants | |
| Advertised Job Title | Pilot Plant Technician |
| Job Reference | 76961 |
| Tenure | Specified Term of 3 years  Full-time |
| Salary Range | AU$48k to AU$62k pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Melbourne (Werribee) VIC |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | * Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Processing Team Leader |
| Client Focus – Internal | 80% |
| Client Focus – External | 20% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Andrew Lawrence via email at Andrew.lawrence@csiro.au or phone +61 3 9731 3497 |
| 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. |

### Role Overview

The role of Research Projects staff in CSIRO is to collaborate 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 Agriculture and Food is expanding our capabilities at the Werribee Pilot Plant and the Pilot Plant Technician role will contribute towards this. The Werribee Pilot plant includes state-of-the-art food research manufacturing research facilities and contains a range of different modules for setting different food processing lines. More information about the pilot plant at Werribee can be found [here](https://www.csiro.au/en/work-with-us/services/research-and-development/Our-facilities).

As part of the Processing team, the technician will assist other members of the team in running pilot plant operations, assembling small scale food processing lines (unit processes) and ensuring cleanliness and hygiene of plant and equipment is maintained. The Pilot Plant Technician will learn unit operations at various scales (laboratory, pilot and industrial) to support the food processing plant and scaling up activities.

### Duties and Key Result Areas

* Under general supervision, perform routine experimental or operational tasks requiring skills which have been developed through experience or training.
* Prepare the processing modules for ready utilisation.
* Sterilise and clean equipment and keep processing areas clean.
* Operate processing equipment.
* Receive, check and store raw materials.
* Move products from processing areas into storage and shipping areas.
* Monitor product quality before packaging by inspecting, taking samples and adjusting treatment conditions when necessary.
* Clean equipment, pumps, hoses, storage tanks, vessels and floors.
* Weigh, measure, mix, and process ingredients.
* Contribute to storage and handling of samples, including cold room maintenance.
* Maintain and calibrate basic measuring equipment and source new analytical equipment.
* Undertake activities in the Processing Pilot Plant including prolonged standing, working in a noise affected environment, working at heights or in enclosed spaces and manual handling etc.
* Follow pre-determined protocols to achieve experimental and research objectives.
* Collect samples according to defined standards and ensure samples are stored and identified correctly.
* Identify and report anomalies.
* May assist in establishing experiments, monitor, summarise and record results and typically are required to maintain a record of experimental results.
* Undertake tasks that are generally straightforward but more difficult techniques or a broader range of tasks can be performed following instructions on what is required, the method/approach and the techniques to be used.
* Take initiative to resolve issues, with the support of your manager, when the opportunity presents.
* Respond courteously and efficiently to work requirements within your role, work together with internal and external clients as needed, and in collaboration with appropriate staff.
* Maintain confidentiality when dealing with commercially sensitive information.
* 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, regionally dispersed research team to carry out tasks in support of CSIRO scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Values, 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:** 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.

## **Selection Criteria**

#### Essential

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

1. Certificate of high school education or equivalent TAFE/VCAL accreditation and/or relevant work experience.
2. Experience in manufacturing and good manufacturing practices in industry.
3. Good oral and written communication skills coupled with demonstrated attention to detail and the ability to follow detailed instructions.
4. Good hand-eye coordination and an aptitude for technical activities and practical work.
5. Demonstrated ability to work in an environment requiring physical demands and developing safe working procedures.
6. A history of professional, respectful and supportive behaviours in a collaborative environment and ability to remain productive, positive and resilient in complex or ambiguous situations/environments.

## **Desirable**

1. Forklift license.
2. Experience working in industrial food processing environments and with food grade pilot to industrial equipment.
3. General knowledge of food processing and good manufacturing practices in the food industry.

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 Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* The successful candidate will be required to undertake a pre-employment medical examination prior to commencement as they will need to be physically able to undertake specific non-negotiable activities in the Processing Pilot Plant located on the Werribee site [i.e. prolonged standing, noise affected environment, working at heights or in enclosed spaces and manual handling etc.].

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* 1. People First
  2. Further Together
  3. Making it Real
  4. Trusted

Find out more about CSIRO [Agriculture and Food](https://www.csiro.au/en/Research/AF)