Position Details

Technical Services - CSOF5

THE FOLLOWING INFORMATION IS FOR APPLICANTS	
Advertised Job Title	Pharmaceutical Project Engineer
Job Reference	86326
Tenure	Indefinite/ Full-time
Salary Range	AU$102,724 to AU$111,165 pa (pro-rata for part-time) + up to 15.4% superannuation
Location(s)	Clayton, Melbourne 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	Regulated Biomanufacturing Team Leader
Client Focus – Internal	70%
Client Focus – External	30%
Number of Direct Reports	0
Enquire about this job	Contact Mark Sampson via email at mark.sampson@csiro.au or phone +61 499 830 587
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 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

The role of Technical Services 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 role of the Pharmaceutical Project Engineer will be to maintain the engineering side of CSIRO's regulated biomanufacturing projects including the current accredited manufacturing facility. The

role will interact with other engineers and project leaders across the organisation to provide technical engineering advice and support during project development and implementation stages.

There are several existing and new projects at the Clayton site including the CSIRO biologics manufacturing facility that is currently finalising construction and is expected to become operational in 2022. The facility will produce investigational materials for Phase-I and Phase-II trials to assist in the progression of biologics such as vaccine and biotherapeutic drug candidates into safe and effective pharmaceuticals that can be manufactured at scale using industry-relevant techniques.

Duties and Key Result Areas

- Plan, coordinate and support technical and engineering activities within the Biomedical Manufacturing program.
- Support engineering projects and oversee efficient project execution including providing guidance to other engineers or project leaders.
- Establish project specifications by studying facility design, customer requirements, performance standards and completing technical studies.
- Provide timely engineering solutions to problems associated with project assignments.
- Assist with technical evaluations/project task on capital projects from concept stages, through procurement, installation, start-up and commissioning/qualification.
- Under general direction, develop original techniques, or equipment software where methods are not defined, including computer networking in a regulated environment.
- Maintain a safe and clean working environment ensuring adherence to procedures, rules and regulations
- Liaise with clients to ensure facility or project needs are met and take accountability for outcomes, correct problems promptly and in a constructive manner.
- Undertake a wide variety of tasks with varying degrees of technical complexity.
- Show initiative to seek new approaches to meet facility needs and improve the services provided.
- Play a role in negotiations with external bodies and vendors.
- 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, and business unit 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.

CSIRO requires National Police Checks to be provided by preferred applicants for all new positions. Where matters are disclosed in a National Police Check, only those that are relevant to the position and the ability of the applicant to perform the role will be taken into account. Accordingly it is important to consider, and include in the position description, all duties and responsibilities relevant to the position, to assist with the consideration of any record that may be disclosed through the National Police Check process.

Selection Criteria

Essential

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

1. Relevant bachelor's degree or equivalent relevant work experience in Engineering.
2. Experience of providing technical support to the design, development, and implementation of new engineering projects.
3. Experience with operation, management and maintenance of pharmaceutical manufacturing plant equipment including:
    a. Highly purified pharmaceutical water systems;
    b. HVAC systems;
    c. Pharmaceutical gases systems such as compressed air and nitrogen;
    d. Clean steam and plant steam systems.
    e. Building and Equipment alarm systems.
4. The proven ability to work effectively as part of a team and carry out tasks autonomously in support of scientific research.
5. Proven written and oral communication skills and the ability to cultivate productive working relationships with internal and external stakeholders.
6. A history of professional and respectful behaviours and attitudes in a collaborative environment.

Desirable

1. Demonstrated experience in a regulated environment with experience of GMP standards, including GMP recording systems.
2. Proven experience with implementation of automation with computer networking knowledge within a regulated manufacturing environment.
3. Experience with implementation and management of equipment calibration and preventive maintenance procedures and systems.
4. Experience in regulatory audits and presenting engineering related information to auditors.
5. Good understanding of maintaining GMP records and documents.

Required Competencies

- **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.
- **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.
- **Resource Management/Leadership:** Sets up and maintains effective and efficient work teams and manages performance and resources, to achieve objectives. Chooses appropriate management strategies and communication styles to maintain high levels of motivation and productivity. Gives feedback for development purposes and provides support and direction for improvement.

- **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
- **Independence:** Plans, sets and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.
- **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.

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 able to provide a 24/7 response for the CSIRO biologics facility and be available within 2 hours' notice for emergency maintenance and repairs.

About CSIRO

We solve the greatest challenges through innovative science and technology. Visit CSIRO Online for more information.

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