

Laboratory Technician / Graduate Scientist

About entX

entX advances innovation through Nuclear Science and Engineering, creating scalable technologies for energy, defence, healthcare, and decarbonisation. From revolutionary power systems like GenX and RHU to pre-cursors for life saving medical treatments, we deliver sustainable solutions that transform industries and drive lasting impact.

Position Summary

entX is seeking a Graduate Scientist to support the development and optimisation of processes across its technology platforms. This role sits at the intersection of advanced nuclear chemistry and industrial-scale manufacturing, contributing to our mission to deliver reliable isotope solutions for medical, defence, and energy applications.

Reporting to a Facility Manager, you will assist in the design, execution, and analysis of process development experiments. You will work as part of multidisciplinary teams including R&D, production, quality assurance, and regulatory, supporting the translation of laboratory methods into scalable and compliant operational processes.

This role offers hands-on experience in a highly regulated environment, with a strong focus on safety, process reliability, and product quality. Your work will contribute to maintaining a consistent and reliable isotope supply for critical applications in healthcare and defence.

If you are a motivated graduate scientist with an interest in nuclear chemistry and process development, this is an opportunity to build your technical expertise while contributing to impactful work in an emerging industry.

Main Responsibilities

- Conduct laboratory experiments safely under the guidance of the Facility Manager, Senior Process Engineer or Senior Radiochemist.
- Support validation activities against defined specifications, including data collection and documentation
- Assist in ensuring laboratory functions, its products and processes meet regulatory and customer requirements
- Identify and communicate potential improvement opportunities, and support documentation updates as required
- Maintain accurate laboratory records and assist in the analysis and reporting of experimental data

Key Skills and Experience

Essential

- Demonstrated laboratory experience (e.g. through university, internships, or industry placements)
- Strong analytical and problem-solving skills, with the ability to work effectively as part of a team
- Good written and verbal communication skills
- Ability to follow procedures and maintain accurate experimental records

Desirable

- Experience in research and development-focussed organisation.
- Basic understanding of quality, regulatory and safety requirements (i.e. radiation safety, EPA-SA/ARPANSA regulations, quality systems)

Qualifications and Certifications

Essential

- Bachelor degree in chemistry or a related discipline

Desirable

- Type A or B Radiation License Certification in South Australia (or eligibility to obtain)
- Possession of a current Baseline or NV1 security clearance (or eligibility to obtain)

Applying

Send your application in the form of a cover letter and resume to info@entx.com.au

Application closes 4 May 2026

entX seeks to be an employer of choice, a place where people want to work because it is meaningful, offers purpose, and where an individual contribution is acknowledged as part of a team effort. We value our people and recognise the importance of diversity in the workplace. A multitude of perspectives and diversity of thought has a direct and positive impact on productivity and creativity, which in turn can drive employee engagement and enablement allowing staff to reach their full potential.