



POSITION DESCRIPTION

Position Title:	Laboratory Technician
Cluster / Business Unit / Division	Commercial Products and Services
Section or Unit:	Minerals
Classification:	Band 3
Job Family:	Engineering and Technical
Position Description Number:	PD-0541
Work Contract Type:	Technical
STEMM/NON-STEMM:	STEMM
STEMM CATEGORY:	Technical

POSITION PURPOSE

The primary objective of the Laboratory Technician is to provide technical support to a number of senior technicians and professionals undertaking commercial and research work for industry clients on the development of processes for the treatment of ores containing radioactivity and other trace contaminants.

ORGANISATIONAL ENVIRONMENT

ANSTO leverages great science to deliver big outcomes. We partner with scientists and engineers and apply new technologies to provide real-world benefits. Our work improves human health, saves lives, builds our industries and protects the environment. ANSTO is the home of Australia's most significant landmark and national infrastructure for research. Thousands of scientists from industry and academia benefit from gaining access to state-of-the-art instruments every year.

The ANSTO Minerals business unit is a team of 60 consultants and technicians with expertise that covers chemical engineering, metallurgy, mineralogy, chemistry, geology, and radiation safety. ANSTO Minerals provides practical solutions and innovative technology in ways that deliver financial and environmental benefits to the mining and minerals processing industries. The Group also conducts research that seeks to identify, investigate and develop technologies that will lead to cleaner and more environmentally sustainable operations in the uranium, and other, mining sectors.

ACCOUNTABILITIES & RESPONSIBILITIES

Key Accountabilities

- Contribute to experimental programs and designs to satisfy the task/project objectives
- Conduct experimental work and ensure that the data obtained is reproducible, accurate and appropriately recorded
- Ensure the work undertaken follows set procedures, so that the data collected for research can be validated
- Responsible for the setting-up and operation of equipment, including collecting, compiling data, planning and carrying out experiments under professional supervision
- Ensure laboratories are functioning effectively through sharing of knowledge and expertise
- Plan and schedule the daily work load to meet project outcomes and deliver on time to meet constantly changing client requirements
- Fulfilling OHSE responsibilities as specified in AS 2362 of the ANSTO OHSE system.
- Undertake additional duties as required and during period of leave of other staff.

Decision Making

- The position has limited discretion in decision making without referring to a supervisor and generally involves application of established procedures and guidelines. Where pre-determined procedures are not effective, the position involves troubleshooting to generate improvements to procedures and approaches in consultation with other technicians and professionals.
- The levels of authority delegated to this position are those approved and issued by the Chief Executive Officer. All delegations will be in line with the ANSTO Delegation Manual AS-1682 (as amended or replaced).

Key Challenges

The major challenges for this position include:

- Carrying out multiple tasks to tight deadlines
- Adjusting plans to suit changing priorities
- Meeting needs of different managers and clients
- Troubleshooting complex systems

KEY RELATIONSHIPS

Who	Purpose
Internal	
Manager/Executive	<ul style="list-style-type: none">• Receive guidance and direction• Recommend and gain endorsement for plans and goals and other initiatives
Work area team members	<ul style="list-style-type: none">• Contribute to group decision making processes, planning and goals• Work within groups to achieve target project outcomes• Guide and informally supervise students and other more junior technical staff• Work within groups to ensure WHS and Quality requirements are met
Other departments	<ul style="list-style-type: none">• There are no formal arrangements with other departments in ANSTO, however it may be necessary to work collaboratively with them from time to time, depending on project and operation requirements.
External	
Commercial clients	<ul style="list-style-type: none">• May be required to outline and discuss operation of experimental setups with clients when they are visiting.
Suppliers	<ul style="list-style-type: none">• From time to time may need to liaise with suppliers of chemicals or equipment.

POSITION DIMENSIONS

Staff Data	
Reporting Line	Reports to a Senior Hydrometallurgist
Direct Reports	Nil
Indirect Reports	Nil

Special / Physical Requirements	
Location:	Lucas Heights Working in different areas of designated site/campus as needed
Travel:	May be required to travel to ANSTO or remote mine sites from time to time

Physical:	Office based physical requirements (sitting, standing, minimal manual handling, movement around office and site, extended hours working at computer) Labour intensive physical requirements (sitting, standing, frequent manual handling) Standing for long periods Industrial facility physical requirements (lifting, standing for long periods, operating machinery, equipment and manipulators) Wearing personal protective equipment for the handling of hazardous and/or radioactive materials
Radiation areas:	May be required to work in radiation areas under tightly regulated conditions Perform duties in an area where radioactive materials are handled under tightly controlled safety conditions Perform duties with and in an area where hazardous chemicals or materials are handled under tightly controlled safety conditions
Hours:	Willingness to work extended and varied hours based on operational requirements Shift work is required occasionally After hours work may be required for short and infrequent periods
Clearance requirements:	Satisfy ANSTO Security and Medical clearance requirements Obtain and maintain appropriate federal government clearance

Workplace Health & Safety

Specific role/s as specified in <u>AP-2362</u> of the ANSTO WHS Management System	All Workers Officer (definitions found in appendix A of AP-2362) Other specialised roles identified within the guideline a position holder may be allocated to in the course of their duties
---	--

ORGANISATIONAL CHART

On file

KNOWLEDGE, SKILLS AND EXPERIENCE

1. Certificate or diploma in chemistry or related field
2. Experience working in a chemical or metallurgical laboratory
3. Ability to work safely with chemicals and radioactive materials
4. Current driving licence
5. Work co-operatively with others as part of a team
6. Ability to conduct routine and non-routine experiments under supervision
7. Ability to plan and set up experiments, collect and present data based on required outcomes
8. Basic computer skills
9. Experience and willingness to follow policy, procedures and guidelines
10. Demonstrate personal qualities that will add value to the work group.

VERIFICATION

Line Manager		Delegated Authority	
Name:	Mark Maley	Name:	Karin Soldenhoff
Title:	Senior Hydrometallurgist	Title:	General Manager Minerals
Signature:		Signature:	
Date:		Date:	