

ADVERTISEMENT

INTERNSHIP: ANALYTICAL (CHEMISTRY) - 24 MONTHS

Salary Range R 6 758 – R 8 878 per month (differentiated according to level of qualification)

Overview of the Organisation

The NMISA is a Type 3A Public Entity established in accordance with the Measurement Unit and Measurement Standards Act, No. 18 of 2006 (the Act). The NMISA is mandated by the Act to provide for the use of the international system of units (the SI) and other measurement units in South Africa, to maintain national measurement standards (NMS) and to determine and ensure the comparability of the NMS. More information can be obtained from www.nmisa.org

The Position

The purpose of the internship is to provide a graduate with practical training within the Applied Metrology Regional Reference Institute section. The intern will support the section by assisting with tasks and activities as required by the organization, under supervision.

Requirements:

- Advanced Diploma, or Bachelor's degree in Chemistry, Analytical Chemistry, Industrial Chemistry, or a related scientific field.
- A postgraduate qualification in the relevant field will be an added advantage.
- Candidates who have recently completed their qualification and require workplace experience will have an added advantage.
- Good communication skills and report writing skills.
- High level of responsibility, professionalism and attention to detail.
- Basic understanding of laboratory practices and chemical handling procedures.
- Knowledge of laboratory health and safety requirements, including safe handling and disposal of chemicals.
- Basic understanding of analytical techniques and laboratory instrumentation.
- Familiarity with preparation of reagents, sample handling, and record keeping.
- Working knowledge of Microsoft Office applications (Word, Excel, Outlook).
- Understanding of quality systems and good laboratory practices (GLP) will be advantageous.
- No prior internship or work experience is required.

Responsibilities:

- Assist with routine laboratory testing and analysis under supervision.
- Assist with preparing samples, reagents, standards and laboratory solutions in accordance with approved procedures.
- Assist with operating and maintaining laboratory equipment and instruments as instructed.
- Assist with recording, capturing and maintaining accurate laboratory data and test results.
- Assist with calibration, verification, and routine performance checks of laboratory equipment.
- Support the implementation and maintenance of quality management systems and good laboratory practices (GLP).

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Board Members: Prof Andrew Buffler, Mr Gerhard Fourie, Prof Lorna Benita Holtman, Dr Charl Wynand Louw, Dr Precious Gugulethu Motshwene, Dr Mbulelo Geoffrey Nokweku, Ms Sara Natalia Prins, Dr James Tshilongo, Dr Alufelwi Maxwell Tshavhungwe

- Assist with ensuring compliance with laboratory health, safety and environmental requirements.
- Assist with stock control, inventory management, and monitoring of laboratory consumables.
- Participate in housekeeping activities to maintain a clean, safe, and organised laboratory environment.
- Assist senior laboratory personnel with research, testing, method development, and other technical activities where required.
- Assist with filing and maintaining laboratory documentation and records in accordance with organisational procedures.
- Attend training sessions and participate in continuous learning and development activities.
- Assist with any other laboratory-related duties assigned by the supervisor or laboratory manager.

Person Specification:

The ideal candidate will preferably be a self-starter who is self-motivated and very detail conscious, dependable and will act in an understanding and helpful manner while performing tasks associated with the position. The position also requires being honest and ethical, being pleasant with others and displaying a good-natured, cooperative attitude.

Please note:

NMISA subscribes to and applies the principles prescribed by the Employment Equity Act. Preference will be given to previously disadvantaged candidates who meet the requirements and who will add to the cultural and gender diversity of the organisation. NMISA is focused on recruiting the following candidates in order of preference: Coloured, African, Indian.

Interested and suitably qualified persons may forward all supporting documentation required (updated CV in PDF only, certified educational qualifications and certified ID.) when applying for the position email NMISA Human Resource at careers@nmisa.org Only candidates with all supporting documents will be considered for the position. Clearly indicate which position you are applying for.

People with disabilities are encouraged to apply.

Closing date for applications: **04 June 2026**

Correspondence will be limited to short-listed candidates only.

By applying for this position at the NMISA, the applicant understands, consents and agrees that the NMISA may solicit a credit and criminal report from a registered credit bureau and/or the SAP in relation to positions that require trust and honesty and/or entails the handling of cash or finances and may also verify the applicant's educational qualifications and employment history.