

CAREER OPPORTUNITY

Nkomati Nickel Mine is primarily a nickel and chrome operation located in the Mpumalanga Province between Badplaas (eManzana) and Machadodorp (eNtokozweni), within the broader Waterval Boven (Emgwenya) region. Nkomati is owned by African Rainbow Minerals (ARM), a leading South African diversified mining and minerals company. ARM mines and beneficiates iron ore, manganese ore, chrome ore, platinum group metals (PGMs), nickel and coal and has a strategic investment in gold through Harmony Gold Mining Company (Harmony).

NKOMATI
NICKEL MINE

INSTRUMENTATION MECHANICIAN x3 (C3 PATTERSON GRADING)

REFERENCE NUMBER: NK-IM-CL- 05/10/2026

Purpose of the Job:

Nkomati Mine is looking for a suitably qualified and experienced Instrumentation Mechanician to join the Engineering team on a Shift rotation basis.

The successful candidate will report to the Electrical, Instrumentation and Control Technician and will be responsible for executing instrumentation maintenance activities on a shift basis to support safe, reliable and continuous plant operation.

Location:

- Slaaihoek Farm, Waterval Boven, Mpumalanga

Job Requirements:

- Grade 12 / NQF Level 4.
- Recognised Instrumentation Mechanician trade qualification or equivalent.
- Minimum 3 years' relevant post-trade experience.
- Practical experience in instrumentation maintenance and calibration.
- Experience in fault-finding on process instrumentation.
- Experience in a mining, mineral processing, processing plant or heavy industrial environment will be advantageous.
- Willingness and ability to work shifts.
- Valid medical fitness certificate, where applicable.
- PLC/SCADA experience will be advantageous.
- Experience with control valves, transmitters and process control instrumentation will be advantageous.
- Experience in a concentrator or mineral processing environment will be advantageous.

Job Responsibilities

- Execute planned, preventative and breakdown maintenance on instrumentation equipment.
- Install, maintain, repair and replace instrumentation and associated equipment.
- Perform calibration and functional testing of process instruments.
- Conduct first-line fault-finding on instrumentation and control equipment.
- Maintain pressure, flow, level, temperature and other process instruments.
- Assist with PLC, SCADA/HMI and control-system maintenance.
- Participate in loop checks, functional testing and plant maintenance activities.
- Respond to instrumentation breakdowns during assigned shifts.
- Complete maintenance work orders, calibration records and shift handovers.
- Comply with MHSA requirements, safety procedures and engineering standards.
- Maintain good housekeeping and ensure proper care of tools and equipment.

Technical

The successful candidate should demonstrate:

- Instrumentation maintenance
- Calibration and testing
- Fault-finding
- Process instrumentation
- Breakdown and preventative maintenance
- Safety compliance
- Technical problem-solving
- Teamwork
- Shift discipline

Equity Statement:

Preference will be given to suitably qualified applicants in line with the employment equity plan and targets of the organisation.

POPIA Disclaimer

By sending your details to the email address on this advertisement you agree to:

- The processing of your personal information and sharing it with third parties for verifications.
- The exercising of your rights provided for by POPIA.
- To acknowledge that ARM Nkomati Nickel Mine will keep the record of your personal information confidential.

Additional Information:

- Interested candidates should apply via the TEBA recruitment system through WhatsApp +27 60 017 5980 by completing the required application and submitting:
- A comprehensive Curriculum Vitae (CV);
- Certified copies of qualifications; and
- A certified copy of the Identity Document
- No late applications will be considered or accepted..
- If you do not hear from the Company within 30 days after the closing of the advert, please consider your application as unsuccessful.
- **Closing date: 16 October 2026**