

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

SUPERVISOR: MECHANICAL MILLING & FLOTATION (C5 PATTERSON GRADING)

REFERENCE NUMBER: NK-SMMF-C5-01/07/2026

Purpose of the Job:

The successful candidate will be responsible for supervising and coordinating mechanical maintenance activities within the Milling and Flotation sections of the Concentrator Plant to ensure safe, reliable and cost-effective plant performance, maximise equipment availability and support production objectives

Location:

- Slaaihoek Farm, Waterval Boven, Mpumalanga

Job Requirements:

- Grade 12 (Matric).
- N4 Mechanical Engineering.
- Trade Certificate: Boilermaker, Plater, Fitter, Fitter & Turner or Millwright.
- Valid Code B Driver's Licence.
- Supervisory Development Programme will be advantageous.
- Minimum 5 years' post-trade mechanical maintenance experience in a mineral processing environment.
- Minimum 3 years' supervisory experience.
- Experience in Milling and Flotation maintenance.
- Experience with planned maintenance systems and shutdown management.
- Contractor management experience.
- Experience using SAP PM, Pragma, Maximo or similar CMMS systems.

Job Responsibilities:

- Supervising preventative, predictive, corrective and breakdown maintenance activities within the Milling and Flotation circuits.
- Leading maintenance activities on SAG Mills, Ball Mills, slurry pumps, cyclones, flotation cells, thickeners, conveyors, gearboxes, bearings, lubrication systems and associated plant equipment.
- Ensuring safe work practices, MHSA compliance and adherence to engineering standards.

- Coordinating shutdown planning and execution to minimise production interruptions and maximise equipment availability.
- Driving equipment reliability through inspections, condition monitoring, root cause analysis and continuous improvement initiatives.
- Leading artisans, assistants, apprentices and contractors to deliver quality maintenance outcomes.
- Managing maintenance schedules, work orders, equipment history and CMMS requirements.
- Monitoring maintenance costs, contractor performance and utilisation of resources.
- Supporting plant availability, operational efficiency and maintenance excellence.
- Promoting a culture of safety, operational discipline and continuous improvement.
- Supporting capital projects, technology improvements and concentrator optimisation strategies.

Technical and Behavioural Competencies

- Strong knowledge of milling and flotation plant equipment, rotating machinery, pumps, conveyors, gearboxes, lubrication systems and mechanical maintenance practices.
- Sound understanding of asset reliability, planned maintenance, root cause analysis, condition monitoring and shutdown planning.
- Ability to diagnose equipment failures, improve reliability and drive maintenance performance.
- Strong leadership, supervisory, coaching and contractor management capabilities.
- Effective planning, organising, decision-making and problem-solving skills.
- Good communication, report writing and CMMS proficiency.
- High levels of accountability, attention to detail, safety leadership and operational discipline.
- Results-driven approach with a commitment to continuous improvement and operational excellence.

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: 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: 18 August 2026**