



The North Mara gold mine is located in north-west Tanzania in the Tarime district of the Mara region. It is around 100 kilometres east of Lake Victoria and 20 kilometres south of the Kenyan border.

North Mara started commercial production in 2002. The mine is a combined open pit and underground operation from two deposits, Gokona (underground) and Nyabirama (open pit). The process plant has the capacity to process an average of 8,000 tonnes of ore per day.

1. JOB TITLE: Filtration Plant Operator

Tarime, Mara Region, Tanzania, United Republic of

JOB INFO

- Job Identification: 240462
- Job Category: Processing
- Apply Before: 17/06/2026, 03:00
- Degree Level: Trade School
- Job Schedule: Full time
- Locations: Tarime, Tarime, P.O. Box 422, TZ

JOB DESCRIPTION

Position Description

The **Barrick Africa Middle East Team** is seeking to recruit a **Filtration Plant Operator** to join and grow our team.

Join our exceptional team and embody Barrick's core values as you work with us. We are in search of individuals who can champion Barrick's DNA by:

- Communicating **Honestly, Transparently, and Acting with Integrity.**
- Exhibiting a **Results-Driven** approach.
- Delivering solutions that are **Fit for Purpose.**
- Dedicating themselves to **Building a Sustainable Legacy.**
- Taking **Responsibility and being Accountable.**
- Committing to **Zero Harm.**
- Cultivating strong and meaningful **Partnerships.**

If you're ready to contribute to our **world-class team** while embracing these values, we encourage you to apply and become a valued member of our diverse workforce.

Responsibilities

- Monitoring and overseeing plant operations.
- Assisting with startup, shutdown, and operations of facility equipment.
- Identifying problems that arise and resolving them.
- Ensuring that safety and environmental rules and programs are strictly adhered to.
- Conceptualizing and recommending plant improvement strategies.
- Carrying out site inspections and audits.
- Performing preventative and maintenance measures.
- Observing gauges, dials, switches, and alarms, and other indicators to ensure that all machines are working properly.
- Maintaining a clean, hazard-free work environment.
- Responsible for monitoring of flows and feed processes/water quality into the plant circuit
- Ensure all personnel on plant adhere to safety regulations and use the correct PPE
- Report all Health, Safety and Environmental (HSE) issues to Supervisor and WTP & Filtration Plant Engineer.
- Ensure the plant operates within acceptable limits and deviations are reported immediately.
- Maintain day to day operations necessary to meet quality effluent water for discharge
- Proactively identifying and acting on plant performance deviation.
- Monitor plant performance and ensure that log sheets are completed.
- Performing a variety of routine and special chemical, physical, bacteriological, and related tests on Water system samples.
- Collecting periodic, representative grab and composite samples of influent, processing products and final effluent.
- Aiding other plant personnel regarding basic laboratory procedures; equipment maintenance and lab supplies.
- Maintenance of equipment and supplies and disposal of outdated chemicals.

- Interpreting laboratory analyses, making recommendations, maintaining logs and records, and preparing data for reports.
- Developing new test procedures and conducting special analytical studies relating to process control, or other applicable matters.
- Maintaining computerized monitoring, laboratory analysis, quality assurance, and operation records.
- Entering data on a computer; evaluating and managing data from such programs which are related to laboratory operations.
- Maintain laboratory inventory of chemicals, analytical equipment, and data sheets.

Qualification requirements

- Diploma in Water resources/Chemical Engineering/Mineral Processing or equivalent
- Microsoft Office Word and Excel
- Hold a valid Tanzanian driver's license.

Experience and competencies needed.

- 2-3 years' experience in Paste Plant and filtration Plant operation will be added advantages
- 2-3 Years in Process plant operation experience will be added advantage
- 2-3 years' experience in mining industries will be added advantages
- 2-3 Years' experience in Water process operation industry and/or mineral processing
- 1-3 years' experience in Water treatment plant facility will be added advantage
- years' experience in manufacturing or industrial setting
- Experience with communication and documentation management.
- Experience with computer application and software skills – Excel

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2. JOB TITLE: Geotechnical Technician

Tarime, Mara Region, Tanzania, United Republic of

JOB INFO

- Job Identification: 240613
- Apply Before: 17/06/2026, 03:00
- Job Schedule: Full time
- Locations: Tarime, Tarime, P.O. Box 422, TZ

JOB DESCRIPTION

Responsibilities

- Using geotechnical mapping and logging to classify rock mass and hence apply the same data on stope design and mine layouts to ensure that ore extraction proceeds promptly and safely.
- Using structural stability methods, empirical assessment and numerical modelling to arrive at ultimate support systems and determine optimum pillar sizes and stopping sequences to ensure stability of underground workings.
- Advising and assisting mine-operating officials on ground control methods to ensure optimum utilization of the available ore reserves and human resources engaged in ground control activities.
- Carrying out regular monitoring of support systems (e.g. pull tests) to ensure that the recommended support is adhered.
- Measuring rock strength, rock stress changes, deformation and monitoring seismic activity using different rock mechanics instrumentation to ensure stability of underground and surface workings.
- Ensure Geotechnical staff, well trained to improve the quality of services offered to the mining department and ensure compliance with Barrick policies and procedures.
- Regularly update the Ground Control Management Plan (GCMP) to improve the quality of service offered to the mining department.
- Designing and monitoring ground support, backfill systems, and geotechnical instrumentation systems.
- Reporting in writing on geotechnical analyses, risk assessments and inspections.
- Liaising with external mining consultants.
- Collecting, analyzing and reporting of geotechnical data.
- Assist Geotechnical Superintendent to complete North Mara employee's performance management processes.
- Act as a liaison between mine planning and operations departments coordinating rock-engineering efforts towards achieving short-term objectives.

Qualification requirements

- Diploma or Bachelor Degree of Science in Mining Engineering or Geological Engineering preferably with a specialization in Ground Control, Geotechnical Engineering or Rock Mechanics.

Experience and Competencies needed

- Minimum 3-year experience in underground mining environment
- Minimum of 3 to 5 years post graduate industry underground mining experience preferably in precious metals using narrow vein long hole stopping.
- Must have a valid Tanzania driving license and able to drive a light vehicle in underground environment.
- Must have good operating knowledge and interpretation skill of popular numerical modelling tools such as DIPS, UNWEDGE, MAP3D and RS2.
- Able to work with limited supervision.
- Good interpersonal skills with contractors and mine personnel.
- Good written and verbal communication skills in both English and Swahili.
- Able to work safely and not create or ignore hazards.
- High degree of patience and tolerance.
- Must have sufficient communication skills.
- Able to maintain accurate records and reports.
- Ability to interpret mine layouts.

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3. JOB TITLE: UG Electrical Supervisor

Tarime, Mara Region, Tanzania, United Republic of

JOB INFO

- Job Identification: 240535
- Apply Before: 18/06/2026, 03:00
- Job Schedule: Full time
- Locations: Tarime, Tarime, P.O. Box 422, TZ

Responsibilities

- Directly supervise electrical technicians, coordinate contractor activities, and ensure a safe working environment.
- Oversee the installation, maintenance, and repair of electrical systems and equipment, including high-voltage distribution, industrial control panels, and mine-specific infrastructure.
- Enforce safety protocols, conduct risk assessments and maintain compliance with relevant regulations.
- Optimize maintenance workflows using CMMS systems, troubleshoot complex electrical faults, and ensure 24/7 equipment reliability.
- Review engineering drawings, manage spare parts inventory, and contribute to continuous improvement initiatives.
- May be involved in training junior staff and developing cross-training programs for a multi-skilled workforce.
- May be involved in managing budgets for maintenance, materials, and projects.
- May oversee smaller electrical projects, including scheduling, resource allocation, and ensuring work is completed to specifications.
- Skills and Qualifications:
- Strong knowledge of electrical systems, including high-voltage distribution, industrial control, and mine-specific infrastructure.
- Proven ability to lead and motivate a team of electrical technicians.
- Thorough understanding of safety regulations and best practices in underground mining environments.
- Ability to troubleshoot complex electrical faults and implement effective solutions.
- Excellent communication and interpersonal skills for effective collaboration with team members and other stakeholders.
- Ability to manage multiple tasks, prioritize work, and ensure efficient workflow.
- May require specific electrical certifications (e.g., Journeyman Electrician, Master Electrician) and relevant safety certifications (e.g., OSHA).

Qualification requirements

- Electrical Trade Certificate or Equivalent
- Diploma in Electrical Engineering or Trade Certificate Equivalent.
- Environmental Policy Awareness
- Mines Health & Safety Act Awareness
- Power Factor Correction and generators

Experience and Competencies needed

- Minimum of 5 years electrical experience on Sandvik/CAT mining equipment.
- Minimum of 3 years' experience in supervisory role.
- Verifiable track record gained in similar diversified high-level portfolio

- Excellent knowledge and understanding of Electrical Management Systems
- Ability to consistently manage such a diversified portfolio in a high-pressure environment
- Highly professional conduct at all times and the ability to deal with a diverse client base.
- Significant base knowledge of all the areas depicted in the profile
- Must be motivated individual with ability to operate with minimum supervision.
- Excellent communication skills.
- Strong maintenance, project management and systems improvement related experience and background
- Strong technical and strategic planning related experience and background.
- Strong values in safety commitment, policy and enforcement related experience and background
- Experience with selection, Maintenance and operation of Electrical and Mechanical equipment.
- Experience in managing Infrastructure projects.
- Computer literacy is essential- Excel, Word, Power Point, Outlook, ERP and MRPII packages (SAP, Ellipse, Pronto, Oracle etc.).

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