



1. JOB TITLE: Shaft Rigger

Shinyanga, Tanzania, United Republic of

JOB DESCRIPTION

The role is responsible for set up and repair rigging for the movement of heavy equipment. As an Artisan Rigger you will be required to maintain equipment according to sound engineering practice and equipment specifications, as well as conducting any rigging task as might be required within any section of the underground mine including surface. Also you will be required to prepare the materials before loading, set up the rigging equipment, operate heavy equipment machinery, and dismantle the rigging after the job. You will be required to communicate with the rigging team and ensure compliance with state health and safety regulations.

The **Bulyanhulu Team** is seeking to recruit a **Shaft Rigger** to join and grow their team. You will be expected to align to the Barrick DNA and to operate within our mining assets with our best people teams. You will contribute in a safe and cost-effective manner to achieve targets in accordance with Mine Safety Standards, Policies and Procedures and ensure daily targets are met.

About Bulyanhulu Team

Bulyanhulu is situated in north-west Tanzania, in the Kahama district of the Shinyanga region, approximately 55 kilometres south of Lake Victoria and 150 kilometres southwest of the city of Mwanza. Bulyanhulu is a narrow-vein gold mine containing gold, silver and copper mineralisation in sulphides. The mineralisation of Bulyanhulu is associated with a number of steeply-dipping veins. Bulyanhulu commenced commercial production in 2001.

Responsibilities

- Responsible for all Shaft Mechanical fixed assets and infrastructure , including but not limited to:
 - Mine Winders, cage, skips, winding ropes and attachments.
 - Main Centrifugal and Screw Compressors and pipe columns.
 - Main Surface ventilation fans.
 - East & West Refrigeration plants, including BACs.
 - Shaft headgear, surface silos, load out stations, shaft stations and vertical shaft infrastructure.
 - Surface mine water ponds.
 - All UG main pump stations, settlers and mud presses.
 - All UG tips, structures, rock breakers & finger raise chutes.
 - Diesel generators.
 - Surface & UG mechanical workshops.
 - Conveyor belts.
 - Fire hydrants and sprinklers.
 - Lime and flocculent dozing plants.
 - Shaft buildings & structures.
- Ensure all Winder & shaft related equipment comply with MHSA.
- Responsible for creating rigging plans.
- Provide subject matter expertise and skills in area of responsibility; advising on solutions to enhance or ensure the effectiveness of the department/section.
- Develop, construct and install all types of trade related equipment required for the safe operation of all rigging and lifting activities.
- Participate in planning shutdowns & relevant resources, tools, spares and activities.
- Responsible for the management of consumable stock levels (amongst others, spares and hydro carbons).
- Select applicable rigging equipment for lifting task based on load weights, sizes, facilities, conditions and work schedules.
- Responsible to ensure availability of safe rigging equipment.
- Apply packing and lashing methods to secure loads.
- Lift and move loads using rigging equipment, mobile cranes, overhead cranes and forklifts.
- Responsible to ensure that load testing of lifting equipment, crawl beams and cranes are carried out correctly.
- Perform inspections in accordance with the Mine Health and Safety Act regulations, OEM specifications and company standards and report all defects and breakdowns on lifting equipment, crawl beams and cranes to the Foreman.
- Perform trade related maintenance and repair of rigging and lifting equipment according to the maintenance requirements.
- Conduct maintenance, examinations and inspections in accordance with relevant legislation and OEM specifications on winder ropes.
- Replace overhead crane and mobile crane ropes as and when required.
- Replace winder ropes when required
- Perform rigging activities to remove/replace structures and equipment in the shaft
- Assist with the recovering of broken down or redundant mining machinery and equipment from the mine face.
- Inspect and ensure safety condition of safety harnesses and life lines

- Responsible to perform lock out when required
- Responsible for good housekeeping in working area
- Responsible for trade related administration.
- Conduct on-the-job training for allocated apprentices.
- Safety, Health and Environment Compliance: Model behavior that is consistent with the Company Safety, Health and Environment Vision and Values. Manage and report on non-compliance issues.
- Perform risk assessments (Activity based and Mini).
- Maintain and manage healthy relationships within own team and across teams.
- Responsible to provide support to team within area of responsibility.
- Responsible to share knowledge and skills with co-workers.
- Responsible to use communication and feedback channels effectively.
- Effective Self-Management: Responsible for managing own work performance and completing tasks as per set timelines and standards.

Qualification requirements

- National Diploma In Mechanical Engineering
- Engineering Certificate (N6) in the field of Mechanical Engineering
- Rigger Certificate
- Valid Driving Certificate

Experience and competencies needed

- 5 years' experience in Similar role
- Extensive knowledge of Winders, mine ventilation fans, pump stations, settlers, mud-presses, diesel generators, hydraulic systems, centrifugal & screw compressors, conveyor belts, rock breakers, load out chutes, liners, and auxiliary equipment;
- At least 5 years' experience with Winders, ropes, shaft load outs, headgear and vertical Shaft maintenance;
- Ammonia Refrigeration plants knowledge and experience.
- Knowledge and experience of SAP maintenance software will be an added advantage.
- English knowledge both written and verbal
- Experience on similar job
- A working knowledge of Microsoft Office programs is well regarded
- Good interpersonal and communication skills and a commitment to close teamwork

What We Can Offer You

- A comprehensive compensation package including bonuses and site-specific benefits
- The ability to make a difference and lasting impact
- Work in a dynamic, collaborative, progressive, and high-performing team
- Opportunities to grow and learn with the industry colleagues are endless
- Access to a variety of career opportunities across the organization

How to apply:

- Applicants are invited to submit their CV's/Resume's online
- Rename your CV in this format CV - YOUR FULL NAME
- Indicating the role title "**SHAFT RIGGER**" in the subject of your email

- Send your application via e-mail to: bulyrecruitment@barrick.com

2. JOB TITLE: Mechanical Engineer

Shinyanga, Tanzania, United Republic of

JOB DESCRIPTION

The role is responsible for monitoring, maintaining, repair and installation of all fixed plant mechanical equipment to ensure operations are safe, maximizing plant availability through sustainable and cost-effective ways and minimizing operational risks.

The **Bulyanhulu Team** is seeking to recruit a **Mechanical Specialist** to join and grow their team.

You will be expected to align to the Barrick DNA and to operate within our mining assets with our best people teams. You will contribute in a safe and cost-effective manner to achieve targets in accordance with Mine Safety Standards, Policies and Procedures and ensure daily targets are met.

Responsibilities

- Responsible for all Shaft Mechanical fixed assets and infrastructure , including but not limited to:
 - Mine Winders, cage, skips, winding ropes and attachments.
 - Main Centrifugal and Screw Compressors and pipe columns.
 - Main Surface ventilation fans.
 - East & West Refrigeration plants, including BACs.
 - Shaft headgear, surface silos, load out stations, shaft stations and vertical shaft infrastructure.
 - Surface mine water ponds.
 - All UG main pump stations, settlers and mud presses.
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 - Diesel generators.
 - Surface & UG mechanical workshops.
 - Conveyor belts.
 - Fire hydrants and sprinklers.
 - Lime and flocculent dozing plants.
 - Shaft buildings & structures.
- Ensure all Winder & shaft related equipment comply with MHSA.
- Plan, coordinate & execute mechanical related projects and shutdowns.
- Manage PM compliance and prioritize duties towards the maintenance of equipment and services, budget setting and control, contactor management, and quality management.
- Assist the Operation management team in developing an operational plan for the year to support the mine in achieving throughput objectives

- Well experience in planning, control and ensuring availability of spares required, according to the planned maintenance schedule.
- Liaise with the Operation management team regarding daily, weekly and monthly progress to plan, budget, and employee resources.
- Oversee that all work practices are executed in compliance with legal requirements.
- Oversee the quality of workmanship and conduct regular inspections around the section and the Operation.
- Plan daily, weekly and monthly work requirement and priorities with the operational team.
- Oversee the development of a healthy spirit of co-operation within the section.
- Identify operational priorities within the section that would ensure the optimization of the section's performance
- Allocate multi-task team members to Artisans when required to perform and ensure effective maintenance.
- Oversee that the required material, equipment, spares and staff are available to achieve the output.
- Ensure all winders, fans, compressors, diesel generators, rock breakers, load outs, pump stations & fridge plants equipment is correctly loaded on to SAP.
- Compile accurate reports on winders, fans, compressors, rock breakers, load outs, pump stations, fridge plants & BAC's utilization & availability.
- Preparation of periodical reports as requested by management.
- Liaise with other departments and other Engineering & Maintenance sections, and interact with view to improving the Maintenance Management system and productivity.
- Conform to Mining regulations in regards to statutory inspections and equipment safety certifications.
- Be vigilant of company assets, monitor, report and action through the appropriate procedures, activities resulting in the loss, misuse or misappropriation of company assets.
- Oversee that documents are properly filled in, and the online filing

Qualification requirements

- Bachelor of Mechanical Engineering or National Diploma In Mechanical Engineering
- Engineering Certificate (N6) in the field of Mechanical Engineering

Experience and competencies needed

- 8 years' experience in Similar or relevant role
- Extensive knowledge of Winders, mine ventilation fans, pump stations, settlers, mud-presses, diesel generators, hydraulic systems, centrifugal & screw compressors, conveyor belts, rock breakers, load out chutes, liners, and auxiliary equipment;
- At least 5 years' experience with Winders, ropes, shaft load outs, headgear and vertical Shaft maintenance;
- Ammonia Refrigeration plants knowledge and experience.
- Knowledge and experience of SAP maintenance software will be an added advantage.
- English knowledge both written and verbal
- Experience on similar job
- A working knowledge of Microsoft Office programs is well regarded

- Good interpersonal and communication skills and a commitment to close teamwork

What We Can Offer You

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- Indicating the role title "**MECHANICAL SPECIALIST**" in the subject of your email
- Send your application via e-mail to: bulyrecruitment@barrick.com

3. JOB TITLE: GEOTECHNICAL SUPERINTENDENT

Shinyanga, Tanzania, United Republic of

JOB DESCRIPTION

The role is responsible for ensuring the short term and short term stability of surface and underground excavations through provision of technical rock engineering and Geomechanics expertise into mine designs and layouts. The incumbent will work with the Geotechnical Manager – Tanzania, to provide geotechnical engineering support services to the mines' production personnel.

The **Bulyanhulu Team** is seeking to recruit a **Geotechnical Superintendent** to join and grow their team.

You will be expected to align to the Barrick DNA and to operate within our mining assets with our best people teams. You will contribute in a safe and cost-effective manner to achieve targets in accordance with Mine Safety Standards, Policies and Procedures and ensure daily targets are met.

Responsibilities

- Providing geotechnical input into the mining & mine planning process
- Maintain the Mine's Ground Control Management Plan, with regular updates to the Ground Control Management Plan document
- Geotechnical stope designs
- Design of stope and development support e.g. primary support & cable bolt layouts

- Design, installation, evaluation & analysis of underground stability monitoring systems
- Maintaining a 3D Geotechnical block model (mining rock mass model) for stope stability and ground support evaluations
- Maintaining a Life of Mine stress model and utilizing the model for stope sequencing, evaluation of seismic risk & recommendations to mitigate geotechnical risks that might arise during the LOM
- Raisebore stability analysis
- Pillar design & analysis
- Backfill model analysis
- Rock mass & structural logging data analysis & validation
- Ground support project costing, budgeting & management of change
- Training of Geotechnical Engineers
- Hydrogeological work – design and monitoring of hydrogeological systems & analysis of technical reports
- Collecting, analyzing and interpreting geotechnical data
- Ensuring the production team adheres to the approved mine ground support standards
- Ensuring ground control audits and quality assurance programs are carried out regularly and documented
- Reviewing standard ground support profiles
- Maintaining adequate stocks of ground support consumables on site
- Providing monthly consumption reports on ground support installed
- Ensuring ground control training programmes are carried out where required
- Managing ground support trials and making recommendations on their performance (pull testing of installed ground supports)
- Ensuring all significant ground falls are inspected and reported
- Advising on ground control matters and generating relevant/specific ground control designs
- Generate weekly and end of month Geotechnical reports
- Promote health and safety in the workplace
- Compliance with all statutory regulations and procedures
- Compliance with all the Company's Policies and Procedures
- Establish and meet time-lines at all times
- Upward reporting as required

Qualification requirements

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

Experience and competencies needed

- Must have a minimum 5 years' experience in underground mining environment
- Must have a minimum 5 years post graduate industry underground mining experience preferably in precious metals using narrow vein long hole stoping
- Must have a valid driving license and able to drive a light vehicle in underground environment.

- Proficiency with geotechnical design software such as FLAC3D, Dips, UnWedge, RS2, RS3, Map3D and Deswik mine design
- Proficiency with Ticker3D, Trace and mXrap
- Able to work with limited supervision.
- Good interpersonal skills with contractors and mine personnel.
- Good written and verbal communication skills.
- Able to work safely and not create or ignore hazards.
- Cultural and religious awareness and tolerance.
- High degree of patience and tolerance.
- Able to maintain accurate records and reports.
- Ability to interpret mine layouts

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Please forward applications before: 20th June 2022

We are committed to a safe work environment sending every person home safe and healthy every day and leaving a sustainable legacy on our host communities.

Thank you for your application, however, only those selected for an interview will be co