

Mining Engineer: Drill & Blast

Are you a mining engineer who specialises in drill & blast? This could be the position for you! The appropriate candidate will need to start on the **1ST of October 2021**, and have the following competencies and qualifications:

1. Drilling and blasting operations
 - a. Monitor blasting activities, analyse results and submit recommendations to achieve the desired fragmentation
 - b. Scrutinise, inspect and approve blast block designs to ensure safe blasting practices and conformance to set standards
 - c. Design drill patterns
 - d. Conduct field studies to quantify system performance
 - e. Conduct technical work on drills to ensure equipment operates at designed capacity
 - f. Conduct QA/QC on drill and blast benches
2. Drill and blasting certification, contributing to:
 - a. Training and preparing individuals to successfully obtain a blasting certificate (ensure knowledge transfer and statutory compliance)
 - b. Compile capacity building action plans for candidates
 - c. Training and coaching of operators, facilitating the introduction of new systems
3. Improvement initiatives
 - a. Provide expert advice on blasting practices; mitigating risk and enhancing ongoing compliance
 - b. Seek, test, analyse and evaluate the latest blasting technologies and make recommendations before implementation, to ensure viability
 - c. Provide technical support on timing, initiation point, blasting sequence and tying up of holes to ensure conformance to set standards
 - d. Drill pattern and drill sequence optimisation
 - e. Drill rod and hammer optimisation
 - f. Penetration rate optimisation
 - g. Drill parameter settings
 - h. MMU calibrations
 - i. New bit technology
4. Budget and cost control management
 - a. Manage the section's expenditure within approved budget parameters to ensure effective cost control and savings
5. People management
 - a. Establish a performance-driven culture, characterised by continuous improvement
6. Safe and healthy work environment
 - a. Establish and manage a safe and healthy work environment where workers and contractors can deliver outputs within a controlled risk environment
 - b. Keep environmental impact within statutory requirements

- **Qualification**
 - Minimum: B.Tech or bachelor's degree in mining from a recognised university

- **Experience**
 - 10 year's operational experience with a major mining company
 - Experience in drilling or blasting logistics
 - 5 years plus experience in blasting or drilling operations
 - Experience in coal, base metals, diamond, manganese and iron ore will be an advantage
 - Experience in both open pit and underground mining methods and planning strategies

- **Job description**
 - Full competency in relevant operational required software
 - Preference will be given to current ex-pat candidates, as these positions are based in Southern Africa

Contact person: Edna Mostert

Email:

Closing date: 10th of September 2021

Only shortlisted candidates will be interviewed. If you have not been contacted for an interview, please consider your application unsuccessful.

In accordance with the POPI Act, submitted CVs will not be retained and will be deleted from our servers.