



Adamus Resources Limited

Drill & Blast Engineer

Job Purpose

The Drill and Blast Engineer is responsible for drill and blast design, planning, execution, and optimization of drilling and blasting operations to ensure safe, efficient, and cost-effective ARL mining operations

Key Responsibilities

- Design drill patterns and blast plans based on geological and geotechnical data.
- Select appropriate explosives and detonation systems for new projects.
- Monitor drilling accuracy and adjust plans to minimize dilution and overbreak.
- Conduct post-blast analysis and maintain detailed documentation.
- Lead implementation of advanced blast design, analysis, and modeling tools (e.g. ShotPlus-i, RioBlast, X-Blast etc) to simulate blast response
- Drive continuous improvement through fragmentation analysis, vibration monitoring, and blast audits.
- Align short-term blast execution with long-term pit design walls, ensuring wall angles and catch-bench configurations are maintained
- Provide technical support and training to drill and blast crews
- Produce weekly, monthly and 3- month rolling drill & blast forecast and the annual drill & blast budget for the mining department
- Generate drill & blast plans in compliance with safety, health, and environmental regulations.
- Liaise with the drilling and blasting crew as well as explosive contractor to ensure efficiency in all operations.
- Perform any other tasks that may be assigned by the senior leadership.

Required Qualification & Experience

- Bachelor's degree/Diploma in mining or related field with at least three (3) years of experience in the same or similar role.
- Minimum of Mine Foreman Certification from Mincom.
- Must have knowledge in Drill and Blast proficiency including electronic blasting.
- Must possess a valid Ghanaian Driving License

Technical Competencies

- Extensive knowledge in chemical characteristics of mining explosives
- Open pit drill and blast designs and execution



Adamus Resources Limited

- Strong knowledge of open-pit mining methods, equipment and processes
- Technical experience in the use of mine planning software (Surpac, MineSched, Deswik, Xpac)
- Drilling and blasting Competency certificate
- Thorough understanding of Minerals and Mining (Health, Safety and Technical Regulations, 2012) (L.I. 2182)
- Thorough understanding of Minerals and Mining (Explosives) Regulations, 2012 L.I 2177
- Good knowledge of MS Office Suite

Skills & Experience

- Supervisory/leadership skills.
- Excellent interpersonal skills.
- Continuous Improvement and Innovation
- Report writing and presentation.

Business Behaviours

- Must show a high level of integrity.
- Be Solution-oriented.
- Maintain professionalism.
- Ability to plan strategically.
- Produce effective business results
- Compliance with the Law.

