



# ABDUL RAHIM

## Mining Engineer



+966-538562375



Engr.rahim12@gamil.com



Transferable



KSA Driving License



Riyadh KSA

Mining Engineer having more than 8 years' experience related to drilling and blasting on surface and underground blasting activities, with different explosive products, including drilling, planning of blast, execution of blasting, loading, hauling and grading of materials. I worked on a Tunnel construction project and a Quarry belonging to the cement industry and also worked metallic and non-metallic Minerals. Enforcing safety health, and environment protocols, while observing the project's actual timelines planned. Also assisting in the preparation of progress reports, review of submittals, and assisting higher-ups with technical issues. I am very willing to be part of your esteemed organization where I can utilize my skill and competency in the best interest of the organization and my career.

### Academic Career:

**Bachelor of Mining Engineering from Mehran university of Engineering and Technology, Jamshoro, Pakistan.**

### Professional Experience:

A: Drill/Blast Engineer	Feb-2023-March 2025
Company Fcc Construction Company	
Project: Neom spine infrastructure _ running tunnels (Mountain Section) Lots2&3, under FCS JV, KSA.	
B: Senior Mining Engineer	Jan -2020-Dec 2022
Company: Kohat Cement Company	
C: Mining Engineer	Nov -2018 - Dec 2019
Company: Mughal steel Manganese and copper project	
E: Mining Engineer	July -2017 -Aug 2018
Company: HZM Soapstone project.	
F: Mining Engineer	July 2016-june 2017
Company: winway minerals exploration copper and gold project	

### Courses/Training certificate:

- MCS for bulk emulsion training in KSA
- Fcc confined space training, working at height, permit to work for Job Performer training.
- Computer software, Ms Office, Ms Word, Ms Excel, Autocad.
- Obtained certificate health and safety (IOSH).
- One Month Internship at Kohat Cement Company limited.

### Machinery Knowledge:

- Sandvic three Boom Hydraulic Jumbo Machine,
- Epiroc Jumbo Machine, Furukawa HCR, JUNJIN Surface machine
- Bulk emulsion truck .
- Normet charging car, Normet shotcrete spray machine.
- Cat Dozers, Loaders, on road/Off-road Dumpers.

## **Job Responsibilities:**

- To ensure implementation, design and supervise the blasting operations.
- Designing the drilling patterns for blast.
- Design drilling and Blast patterns using AutoCAD and Epiroc/ sandvik.
- Up Updating monthly and annually records of explosive.
- Keeping/updating records as per client requirements.
- Preparation of Drilling, Initiation & Firing Patterns, and Blasting designs.
- Preparation of blasting designs and drilling design.
- Cost optimization and controlling PF.
- Develop and optimize the open-pit layout, including bench design, slope stability, and access roads
- Design and oversee drilling and blasting operations to break rock efficiently and safely
- Manage daily operations, ensuring efficient extraction, processing, and transport of ore
- Implement and enforce safety protocols to protect workers and minimize hazards
- Manage environmental impacts, including dust control, water management
- Coordinate with teams of engineers, geologists, and other personnel
- Prepare and present operational reports, including progress, production, and financial performance
- Ensuring drilling parameters holes depth, Spacing, Burden, angle according to the designed Pattern.
- Motivation of Drilling and Blasting team to meet the Pull length demand.
- Oversee explosives procurement, storage, transport, and safe disposal of misfires ensuring.
- Ensuring that operations comply with health and safety requirements.
- Designing of Blast patterns as per rock geology.
- Preliminary surveys for the ore of minerals deposits to assess economically mining operation.
- Plan and design or select mining equipment, machinery for the minerals.
- Organize and attend marketing activities or events to raise minerals awareness.
- Difference minerals achievement minimum time gets more production.
- Knowledge of mineral minimum investment gets more profits.
- Prepare short- and long-term plans for Manganese, copper and soapstone.
- Completely Responsible for overall Quarry operation (Drilling, blasting, dozing, Loading Transportation of Raw Material).
- Controlling the environmental aspects of blasting, ground vibrations, fly rocks, noise and dust according to the legal requirements.
- Monitored charging carefully to get the required fragmentation and to control fly rocks.
- Preliminary surveys for the ore of minerals deposits to assess economically mining operation.
- Check quality and quantity of soapstone, manganese.
- Plan and design or select mining equipment, machinery for the minerals.
- Difference minerals achievement minimum time gets more production.
- Ensuring that operations comply with health and safety requirements.

## **Technical Skills:**

- Drilling and blasting experience.
- Knowledge and awareness in HSE,
- Aware of geotechnical ,Studies in Mine design,
- Computer skills.
- Extraction operations.
- Mine safety.
- Maintain Mining equipment,  
Team working

## **Soft skills:**

- Problem solving.
- Risk assessment. Data Handling.
- Record Keeping.
- Team player.
- Conflict resolution.
- Time management.
- Good Management and Organizational

## **HOBBIES/ DAILY ACTIVITIES**

Book reading, Learning different software, Sports and Games, Daily Exercise, Watching movies, Watching social media

## **Languages: -**

English, Urdu, Pashto, and Arabic Medium Level