



# ASIM QADIR

## TUNNEL ENGINEER

### Carrier Aim:

The scholar in applied geology with industrial experience of 5 Years in the field of Tunneling as an Engineer.

I do Supervision & construction of tunnels according to set standards & specifications. I have worked with well reputed organizations with one of the largest contractors in the world. I have also worked with biggest hydropower project builders of the world. To be best among my peers, I want to utilize my maximum capabilities and potential in dynamic and fast growing tunneling sector.

### CONTACT



0092340-5970744

### Employment History:

**1: NEOM Spine Infrastructure-Running Tunnel Construction Project-Tabuk**

**Saudi Arabia Lot 4&5 Tunnel Engineer**



15 May 2024 – 22 March 2025

Transport type of tunnels for Freight rail service (FRT) and High speed rail (HSR)

### Responsibilities:

- Generating weekly work permits and maintaining daily records
- Overall execution and supervision of the construction work in tunnel excavation as per NATM
- Carryout excavation process as per the RESS steps
- Inspection of crown, face and walls of tunnel at the beginning of shift.
- Monitoring of tunnel activities including drill and blast and primary support work.
- Carryout SOP, E-line and rockbolts marking for drilling in collaboration with survey team.
- Discussion of drilling depth and outlook angles for accurate drilling with JD Operators



[asim4511@gmail.com](mailto:asim4511@gmail.com)

### Driving license

- Omani driving license
- Saudi Arabian license
- Pakistani license

## SKILLS

- Quick learning capability
- An active team member
- Excellent
- communication skills

## LANGUAGE

- English
- Arabic
- Urdu/Hindi

## COMPETENCIES

### Computer Skills

- Microsoft Excel
- Microsoft Word
- Microsoft PowerPoint

- Performing line drilling as per the site conditions with alternate holes charging
- Arrangement of blasting team and providing the equipment for smooth charging
- Managing site evacuation and pre-blast checkout for safe blasting
- Managing equipment for controlling and reducing cycle time
- Arrangement of grouting team, installation of fully grouted rockbolts and grouting
- Carryout scaling with survey team to gain desired periphery
- Supervision of initial layer and final shotcrete spraying
- Maintaining record for number of installed and uninstalled rockbolts and cement consumption in each shift
- Reporting of each face activity and preparing daily cycle time



### **2:Neelum Jhelum Hydropower Project: Tunnel Engineer**

**January 2022-May2023**

**A hydropower project of 969 Megawatt. Engaged with China Gezhouba Group of Company for Neelum Jhelum Hydropower Project, Site C3 for restoration of tailrace tunnel.**

### **Responsibilities:**

- Maintaining site and removal of debris from collapsed area.
- Installation of canopy test for further progress.
- Carryout bond test for vulnerable area.
- Supervision of support installation such as additional rock bolts, lattice girders and wire mesh etc.
- Supervision of shotcrete placement and connecting bars placement.
- Movement of jumbo car and other heavy machinery according to as per site requirement.
- Installation of ribs in tunnel.
- Supervision of grouting in tunnel.
- Submission of DPR and assisting senior officials in site visit.
- Supervision of installation of ribs on recommended areas.

### **3: Karot Hydropower Project: Site Engineer**



TGDC

**February 2018 to April 2019**

**A Hydropower project of 720 Megawatt made by China Three Gorges under the consultancy of SMEC international. Company engaged me for the supervision of excavation phase of headrace tunnels.**

#### **Responsibilities:**

- Supervision on the complete Head Race Tunnels for excavation.
- Probe hole drilling for identification of lithological characters.
- Collaborate and arrange survey teams for face marking and demarcation of anchor bars.
- • Supervision of drilling, charging and blasting phase in all four tunnels.
- Managing site assets such as dump trucks, Jumbo car, loaders and excavators etc. before blast
- Installation of primary support after excavation including girders, wire mesh, shotcrete and anchor bars.
- Assisting mapping teams for geological mapping to categorize rock class.
- Arrangement of survey teams for girder placement in tunnels.
- Management of shotcrete request, explosives request and RFIs.
- To deal with employers engineer regarding the submission of RFIs and time to time arrangement of inspection during completion of each interval.
- Management of all the requirements on the different sites.
- Bring out and settling of steel liners on site.
- Deployment and settling of jumbo car.

Maintaining DPR and submission to seniors.

## **Academic Qualification**

M.S. Applied Geology with  
3.9CGPA out of 4

B.S. Applied Geology with  
CGPA 3.6 out of 4

## **PERSONAL**

### **INFORMATION**

- Marital Status:  
Married
- Date of Birth:19<sup>th</sup>  
May1993
- Age:30

**4: Neelum Jhelum Hydropower Project: Tunnel Engineer**

**18 January 2015-10 February 2017**

**A hydropower project of 969 Megawatt. Engaged with China Gezhouba Group of Company for Neelum Jhelum Hydropower Project, Twin Head Race Tunnels.**

**Responsibilities:**

- Supervision and monitoring to check policies and procedures are being implemented properly.
- Inspection of roof, face and walls of tunnel at the beginning of shift.
- Excavation of headrace tunnel by drill charge and blast method.
- Supervision of face marking for drilling in collaboration with survey team.
- Arrangement of blasting team and explosives from magazine.
- Arrangement and supervision of onsite equipment for smooth and fast mucking in post blast phase.
- Preparing face for mapping team by cleaning by air and water spray and assisting the team in geological mapping.
- Supervision of shotcrete, including request, transport and placement with set standards in tunnels.
- Establishment of chainage after completion of each phase prior to inspection.
- Maintaining RFIs and arrangement of inspections for clearance of RFIs.
- Supervision of drilling for charging and blasting.
- Maintaining smooth and economic workflow without break in per day cycle.

**THESIS PROJECT: (MS)**

**SEDIMENTOLOGY AND CHEMICAL CHARACTERIZATION OF MURREE FORMATION AND THEIR EFFECTS ON LANDSLIDES**

**REFERENCES:** available on request

**Achievements**

- Employee of the month for maintaining safety inside tunnel
- Awarded in prime ministers National Laptop Scheme.
- Scholarship award from Azad Jammu Kashmir Government.
- Scholarship award from Azad Jammu and Kashmir teacher's foundation