

# ZAID BIN MAROOF



**QA/QC Engineer  
(Civil)**

**ISO-9001:2015 (QMS)**

▲ ADDRESS:

Nomanpura Bani Passari Bagh (AJK)

✉ EMAIL

[zaidmaroof117@gmail.com](mailto:zaidmaroof117@gmail.com)

☎ PHONE NO

+92-341-1154647

+92-355-6570974

## Personal Details

Date of Birth: 26-04-1994  
CNIC No: 82101-5714083-7  
Religion: Islam  
Marital Status: Married

## Career Objective:

I am hardworking, motivated professional with loads of initiative and enthusiasm; willing to work as team worker/leader as well as valuing time management. I seek to serve in a prestigious and dynamic company where my abilities and acquired knowledge, and gained expertise can be fully utilized; and which have opportunity to groom up my career So that I can entirely work hard and put in my methodical and professional skills to achieve its goal.

## Profile Summary:

Experienced and results-driven QA/QC Engineer with a decade-long track record in civil construction, specializing in tunnel projects. Proven expertise in overseeing diverse aspects of tunnel construction, from drilling and charging to concrete pouring and steel lining. Adept at creating and implementing quality control measures, ensuring compliance with industry standards. Strong leadership and collaboration skills demonstrated in lead roles across various hydro power projects. Holds a Diploma of Associate Engineer and excels in report writing and Microsoft Office. Committed to maintaining the highest standards of quality and safety. Seeking a challenging role in a progressive organization to contribute my skills and experience to project success.

## Professional Experience Details

**September 2018 to Present**

Position:	<b>QA/QC Engineer: (Civil)</b>
Project Brief	Dasu Hydro Power Project KPK Pakistan :(4300MW) comprising (RCCdam242m) underground powerhouse, Diversion tunnels, Hydraulic Steel Structures, Power intakes Tunnels, intake & Main, Access Audits & Tailrace Tunnels. Annual Projected Energy 12220GWh.
Company	(CGGC-CE) China Gezhouba Group Co. LTD - China Energy LTD.
Consultant	(DHC) a Joint venture of (NK-Nippon Koei Co. Ltd-JAPAN), (DOLSAR Engineering Inc. Co-TURKEY), (DMC-Development Management Consultants-Pakistan), (NDC-National Development Consultants of Pakistan), (PES-Pakistan Engineering Services Pvt. Ltd).
Client	WAPDA (Water and Power Development Authority of Pakistan)

### Key Responsibilities:

- Monitoring tunnel construction activities including excavation cycles, drill and blast operations, mucking, and scaling.
- Managing & Supervising support works such as shotcrete spraying to ensure compliance with specified thickness requirements.
- Supervising the Drilling alignment & installation of rock bolts, (25mm diameter, lengths ranging from 4m-8m) and Grouting of rock dowels, conducting tube tests and pullout tests to assess their strength.
- Additionally, Supervising the installation of spilling bolts, swellex bolts, expansion shells bolts, canopy pipes, steel ribs, lattice girders, and steel straps for additional support.
- Collaborating with geologists to assess tunnel support work based on exposed rock Q-Values and providing instructions to tunnel foremen accordingly.
- Preparing Request for Information (RFI), Approval for Inspection (AFI), and Inspection and Test Plan (ITP) documents related to construction activities and submitting them to consultants prior to inspections.
- Generating shift reports to document work completed during each shift. Monitoring site activities and maintaining progress records in MS Excel for tasks such as excavation and concrete work.
- Maintaining daily records of construction activities and quantity of materials. Preparing quantity summaries for payment bills.
- Supervising Piling activity for Cutt off Wall of Dam.

# Education

1. **Diploma of Associate Engineer**  
Punjab Board of Technical  
Education Lahore (2013)
2. **Secondary School Certificate**  
BISE Mirpur (AJK) (2010)

# Skills

- ✚ AutoCAD
- ✚ Quality Management
- ✚ Report Writing
- ✚ Microsoft Office
- ✚ MS Excel

# Languages

- Urdu
- English
- Chinese

Position	<b>QA/QC Inspector: (Civil)</b>	<b>February to September 2018</b>
Project Brief	Sukhi Kinari Hydro Power Project KPK Pakistan :(874 MW)	
Company	(CGGC) China Gezhouba Group Co. LTD	
Client	WAPDA (Water and Power Development Authority of Pakistan)	

## Key Responsibilities:

- Tunnel excavation cycle supervision, comprising drilling and blasting method, charging, blasting, mucking, scaling, and TBM excavation processes.
- Provided supervision for drilling rock bolts, quality checks for the drilled holes diameter and ensuring the drilled holes are debris free for proper installation of rock bolts and grouting.
- Supervised the Installation and grouting of rock bolts, rock dowels, rock anchors, post tensioned anchors, and tendons comprising lengths of 4m/5m/7m/10m.
- Supervised the preparation of the grout mortar to be in compliance with the specified grout mix design of the project.
- Conducted tube tests and pull-out tests to assess the grout strength and proper installation.
- Supervision of additional rock support as spilling bolts, swellex bolts, expansion shell bolts, canopy pipes, steel ribs, wire mesh, lattice girders, H-beams, and steel straps.
- Supervision of permanent support works, installation of needle beam form work and concrete Lining works of the tunnel.
- Supervision of above ground works, such as back-filling for retaining walls, and stone pitching, grouted riprap works.
- Supervision of Tunnel initial support and permanent support works, assorting, wire mesh installation, installation of steel beams, lattice girders, concrete backfilling for the cavities and gaps of abnormal GOB.

**Jan 2015 to Jan 2018**

Position	<b>QA/QC Inspector: (Civil)</b>
Project Brief	Neelum Jhelum Hydro Power Project (NJHPP) MZD AJK Pakistan: 969MW, Dam Type Composite gravity dam (60/160m) Access Tunnels and Headrace Twin Tunnels with TBM Machines, TBM chambers, underground powerhouse, Annual Energy 5150 GWh
Company	(CGGC-CMEC) China Gezhouba Group Co. LTD
Consultant	(NJC) A Joint venture of: (MWH International Inc. USA), (NORPLANA.S. Norway) National Engineering Services Pakistan (NESPAK), (Associated Consulting Engineers -ACE Pvt. Ltd), (National Development Consultants Pakistan- NDC).
Client	WAPDA (Water and Power Development Authority of Pakistan)

## Key Responsibilities:

- Supervision of Tunnel construction activities using drill and blast method.
- Supervision of Tunnel construction including (Excavation, Concrete Pouring, Shotcrete, Steel Arch, Wire Mesh,)
- Supervision of Retaining walls concrete pouring, cut of wall concrete pouring.
- Inspection of Concrete Pouring, Formwork Fixing
- Data preparation of Daily, monthly, and weekly progress reports.

