

## **Israr Ali Muhammad Afzal**

### **CIVIL QA/QC ENGINEER**

#### **ACI Concrete Grade- 1 Certified**

#### **Member Saudi Council of Engineers (SCE)**

Contact No: 0599597803

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## **PROFILE SUMMARY**

Have 13 years of experience in the Kingdom of Saudi Arabia as Professional QA/QC, Concrete Material functional experienced with Construction EPC, Multinational Companies.

Worked Mainly on Major Civil Engineering Construction Projects and Supervise Such as, Earth works, Excavation and Backfilling, High Rise Commercials buildings, infrastructures, Residential Apartments and Villas, Hotels Bridges, Ready Mix Concrete Batching Plant, Asphalt, Irrigation underground Utilities water tanks, Architectural, drainage Pipeline, Landscaping works. Have good experience on Conducting all types of testing for Soil, Aggregate, Asphalt, Concrete and Cement etc, currently serving as a Civil QA/QC Engineer for Doosan Company on the Shoaiba RO Phase-3 Desalination Plant Project, Saudi Arabia.

## **Academic Qualification**

**Diploma of Associate Engineering PTEC Peshawar, Pakistan**

## **Additional Qualification**

- ACI Concrete Field-Testing Technician- Grade-1 Verify ID: 02196044
- Level-3 Diploma in Quality Control & Quality Assurance (Civil) From IQUAL UK: Verified ID-140126.
- Certification in soil testing.
- Certification in aggregate.
- Certification in concrete.
- Certificate of NEBOSH. Verify ID- 00713887/1326900
- First Aid

## **Training**

- ISO 9001: 2015 awareness
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- Trained ACI grade 1
- ACTS Lab and Field-Testing Courses
- ACTS Soil, Concrete and Aggregate Testing Course

## **Computer Skills**

**Ms Windows, Ms Word, Ms Excel, Ms Power Point, Internet Skills.**

## **Work Experience**

### **Doosan Heavy Industries and Construction Co. Ltd**

#### **Civil QA/QC Engineer**

**Duration:** 16 March 2023 till date

**Project:** Shoaiba Ro Phase-3 Desalination Plant

**Client:** SWCC (Saline Water Conversion Corporation)

## **Responsibilities:**

- QA/QC Submittals: Review and provide inputs on technical submittals and following ITP, Methods statements, materials submittals, and all relevant QA/QC documents required for the project.
- Carrying out the test of Backfilling material, Concrete, Aggregates, water, and chemical admixtures as per Project Standards & Codes as per mentioned in project specifications to ensure that all the construction materials used for concrete mixing are adequate.
- Performs inspection for civil and structural works including excavation, backfilling, concrete and steel structures, buildings, road paving, Under/Above ground utilities system, grading works & all civil/structural works within the limit of project area.
- Monitoring and inspection for the major civil works, i.e., Soil improvement (Dynamic compaction, Dynamic Replacement, Stone Column and piling etc.) and test of Full-scale load test, Compression test, Lateral test, Uplift test, pile integrity test, SPT, CPT & FDT etc.
- Ensure compliance with project specifications, ISO standards, and quality management systems.
- Coordinate with clients, contractors, and third-party inspectors to resolve quality issues.
- Review the Structural concrete mix designs submitted by the contractor and validate the trial mix reports according to the project standard and Specification as well Validate the batching plant compliance and calibration certificates.
- Maintain accurate and calibrated inspection tools and equipment for consistent measurements of operation of the inspection and testing system.
- Monitoring for the concrete pouring work, air content, temperature, slump & honeycomb of concrete as well as ensure that enough number of vibrators are used for concrete work.
- Ensuring that all concealed works are completed satisfactorily and accepted by consultant before clearing to civil and finishes team.
- Review and validate the Laboratory test reports for the various types of backfilling materials as per project specifications requirements and conduct the Compaction test for the final acceptance.
- Attend Hold and Witness Point for Inspections as per mentioned in ITP.
- Ensuring the execution of construction work is carried on the latest edition & as per final IFC dwg.
- Issuing of Non-Conformity Report to the construction department for the noncompliance of work as per Company specifications and Standards and closing of NCP's Subject to implementation of corrective and preventive action.
- Updating daily/weekly inspection logs & status report.
- Submit daily, weekly, two-week looks ahead schedule and monthly Inspection reports to Management.
- Report to the QA/QC Manager, control and monitor all activities related to Quality Management System, QMS.
- Attend the weekly and monthly quality meetings.
- Control of Non-conformities issuance of punch list.
- Maintain HSE compliance during all QA/QC activities.
- Monitoring of all running activities, providing technical advice for the working team based on project specs and approved documents.
- Follow up on newly or updated standard test methods to ensure that changes implemented.
- Follow up Quality Control charts for measurements.

## **10 Years' Experience in ACTS (Advance Construction Technology service ksa.llc)**

### **Projects Involved with**

#### **Project: (1 MASAR                      Haramain Railway, Roads & Buildings**

- **Contractor:**        NEESMA & Partner
- **Consultant:**        KEO international
- **Position:**            QA/QC Civil

**Project: (2 Riyadh Metro Project Riyadh KSA**

- **Contractor:** BACS Consortium
- **Consultant:** RMTC
- **Position:** QA/QC

**Project: (3 King Abdul Aziz International Airport, Jeddah**

- **Contractor:** Saudi Bin Ladin Group KSA
- **Consultant:** Dar Al Handasah
- **Position:** QA/QC Civil

**Project: (4 Kingdom Tower of Jeddah**

- **Contractor:** Saudi Bin Ladin Group
- **Consultant:** Dar Al Handasah
- **Position:** QA/QC Civil

**Project: (5 King Abdul Aziz Medical City KSA**

- **Contractor:** ABV Rocks Group
- **Consultant:** Manens Tifs
- **Position:** QA/QC Civil

**Project: (6 RSO Tunnel**

- **Contractor:** Al Mabani General Contractors
- **Consultant:** Dar Al Handasah
- **Position:** QA/QC Civil

**Project: (7 Tal JV King Abdul Aziz Airport**

- **Project** Maintenance & hanger Project
- **Contractor:** CAD
- **Consultant:** Dar Al Handasah
- **Position:** QA/QC

**Project: (8 Al Wajh**

- **Contractor:** Al Mabani General Contractors
- **Consultant:** ACTS
- **Position:** QA/QC

**Project: (10 ZETAS Arabia Foundation**

- **Contractor:** ACC (Al Arab Contractors)
- **Consultant:** Hill International
- **Position:** QA/AQC Civil

**Responsibilities as Batch plant inspector**

- Ensuring the transmit mixer is approved, has an operating revolutionary counter and to ensure no water added after the batching.
- Ticket should be checked for concrete batching batching and slump initial at plant.
- Assure lab technician is present at site, and perform test.
- Checking slump and temperature are strong indicator for inspector knowledge.
- Follow up daily quantity for concrete as per ITP, and making sampling for concrete mix.
- Supervision on site technician for checking slump making unit weight and air content.
- Inspect the quality of all materials at the site, ensure compliance with all project specifications, quality and collaborate with the department for all material procurement and quality materials.
- Supervise and Inspect Excavation and Backfilling, FDT, Inti termite and concrete.
- Inspect Excavation for Raft foundation includes, embedded items Reinforcement, formwork & concrete Pouring.
- Witnessing of the testing of compressive strength of concrete at the 3rd party laboratory

- Consensus with the consultant's representative and Site In-charge for inspection and meeting about quality problems including closure of Non-Compliance Report
- Assess batch plant QC result to determine that their equipment, procedures/ techniques, sample recording and result reporting is in compliance with the applicable standard and specifications.
- Supervising to ensure quality of concrete and fulfilment of all required standard and requirements as per mentioned in approved Mix Design
- Carry out the material receiving Inspection in accordance with the approved material Submittal, project specifications, mill test certificates, and ensure the material received at site meets with the project specifications and are from the approved vendor of the client.
- Inspection of aggregate sub-base, aggregate base course prior to asphalt pavement.
- Inspection of prime coat, tack coat, asphalt base course, asphalt wearing course as per RC Standard.
- Liaise with the QC department to arrange WIR/RFIs (request for inspection) for the completed pieces of work.
- Inspection of excavation, compaction, and Field Density Test (FDT) prior to lean concrete work, For irrigation water tank, potable water tank, telecommunication building, all concrete chambers for air release valve, Potable, irrigation, sanitary, telecom duct bank, electrical duct bank, and asphalt road work, as per RC standard.
- Examine and prepare samples for testing.
- Issue testing instructions to technicians and assistant technicians.
- Carry out lab tests and check the test results.
- Calculate and check the test results and assist in the preparation of the report.
- Review final test reports as directed by the Head of operations.
- Maintain and calibrate test equipment in his department.
- Follow up on newly or updated standard test methods to ensure that changes implemented.
- Follow up Quality Control charts for measurements.
- Estimate measurement uncertainty.
- Carry out sampling, and testing on site.
- Assist in the training of Assistant Technicians.
- Prepare test quotations in cooperation with the Head of Operations Department.
- Other duties as assigned.
- Site walkovers & pre-construction survey.
- Management & supervision of work squads.
- Tracking daily progress according to the schedule.
- Leded of the day meeting at site to discuss actual progress and planned activities for tomorrow with site foremen.
- Instruct and lead the site crew to work according to the approved drawings.
- Monitoring of all running activities, providing technical advice for the working team based on project specs and approved documents.
- Attend all the inspections and test of materials performed by QC and third party.
- Reviewing all the test report such as Soil, Aggregate, Asphalt, Concrete and Cement etc.
- Performing Land Survey and Quantity Survey (cut & fill).
- Ensuring projects meet agreed specifications and timescales.
- Ensuring that health and safety and sustainability policies and legislation are adhered to.

## **INTERPERSONEL SKILL:**

- Excellent communication and self-correspondence skill.
- Good analytical & Interpersonal skill.
- Proactive and self-motivative, a confident decision maker.
- Experienced in Handing over procedures, Positive attitude, hardworking and organized. Ability to perform under pressure and independently. Quality management in both Office & Site, Laboratory Coordination, Team Player and Quick learning.

## **Languages**

- **English, Arabic, and Urdu (Fluent).**

### **Personal Information**

- Name : Israr Ali
- Father Name : Muhammad Afzal
- D.O.B : 01-04-1987
- M/Status : Married
- Iqama : Transferable
- License : Valid

### **DECLARATION**

I hereby declare that all the above given information in this application is true, complete. and correct to best of my knowledge and belief.

**Reference/** Available Upon Request

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