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### YEARS OF EXPERIENCE

Total: 7+



### EDUCATION

- 3 years Diploma of Civil Engineer (DAE) from PBTE Lahore. (2017)
- AutoCAD 2D+3D from GCT College Faisalabad. (2009)
- Computer Course from GCE College, Faisalabad (2012)



### REGISTRATIONS

- Saudi Council of Engineers(SC)
- American concrete Institute (ACI)
- ISO 9001:2015
- Driving License



### SOFT & TECHNICAL SKILLS

- AutoCAD 2D+3D
- MS Office Suite
- Team Work
- Problem Solving
- Ability to work in minimum supervision

### CARRER SUMMARY

A competent Associate Engineer with sound academic and practical background and above **7+ years'** experience in site execution & supervision, working with international certified organizations (ISO) which have done mega and gaga projects over many civil structural & infrastructure projects related to different industries like **Bridges (Housing with Utilities), Box culverts, Roads & Highways, and High rise Buildings**. I have worked over many projects in **Saudi Arabia & Pakistan** up to the completion & handing over as per Project Time Schedule specified by the client, ensuring quality control as per Client's satisfaction & Project Technical Specifications complying with international construction & safety codes. Have positive attitude towards work and ability towards result oriented output with excellent communication & interpersonal skills to interact individuals at all levels.

### WORK EXPERIENCE

#### Civil Inspector at ACTS Qiddiya Riyadh, KSA. (Dec 2023 to till date)

The project includes several buildings including Administration building construction, utilities, driveway and parking, Services & drains, pedestrian works, stone works, street light poles installation & landscape works, Water Theme park, AirPort, Stadium, Buildings, Hotels, Road, Bridge, Tunnel, Swimming Pool, Box Culverts.

#### Civil Inspector at ACES Umluj, KSA. (Nov 2020 to Nov 2023)

The project includes Earthworks, Asphalt works, Services & drains, pedestrian works, curbstone stone, light poles installation & landscape works. Bridge, Stadium, Buildings, Hotels, Swimming Pool, Road, Tunnel.

#### CIVIL QC INSPECTOR at IBRAHIM RADWAN SALAHAT Riyadh, KSA. (Dec 2019 to Sep 2020)

The project includes Landscape works, Bridges, retaining walls, Strom/Sewerage, Substations, Dry/Wet Utility, Road works, Interlocking and Curbstone, Fence installation, and STP tanks. Excavation & Backfilling of the earthworks, Water tank, Buildings, Light Pole.

#### Civil supervisor at Shan construction company Islamabad, Pakistan. (Sep 2017 to Nov 2019)

The project includes Airport, High way road, Buildings, Lights Pole, Bridge, Railway, Park, and Box Culverts.

### **Duties and responsibilities:**

- Inspection of all activities related to bridge structure (precast and cast in situ) and coordinate with the laboratory technician for sampling and witnessing all concrete tests, DFT (Dry Film Thickness) test and post tensioning works of I-beams and U-girders.
- Attending inspection request (WIR (Work Inspection Request), MIR (Material Inspection Request)) of all aspects of infrastructure & precast works submitted by contractor and take appropriate action in timely manner in coordination with MEP disciplines on construction site.
- Inspect waterproofing and fireproofing system prior to subsequent activity of foundations.
- Review concrete and Asphalt Mix Designs prior to trial mixes for each class of concrete and asphalt.
- Construction codes prior to using the material at project sites.
- Witness concrete quality tests as per specification and standards.
- Supervision of quality testing related to soil (embankment subgrade subbase.)
- Asphalt BBC& BWC activities for ongoing roads for the project and Asphalt sample collection from the site and witness in 3rd party lab for the quality purposes including all tests related for super pave & Marshall Design.
- With approved drawing & specification to Resident Engineer for appropriate action.
- Preparation surveillances report for the deficiencies of work found at site and Non-Conformance Report (NCR) if required.
- Follow and maintain company standards of quality in accordance with company quality system requirements.
- Inspections of concrete work and include checking of concrete test on site.
- Inspection of steel structure according to drawing and specifications.
- Inspection of soil classification and conduct soil test on site.
- Preparing daily and weekly progress report.
- Inspection of materials used in the project.
- Inspection of precast concrete work at site.
- Report any work carried out on site found to not be accordance with approved drawing & specification and report to QC Manger for appropriate action.
- Maintain records for daily activities on site including progress photos and they are readily available for inspection as and when required.
- Follow and maintain company standards of quality in accordance with company quality system requirements.
- Coordinating with all other disciplines.
- Coordinate with contractors where required to expedite site progress and to resolve technical issues.
- Visit the site regularly to check ongoing work, quality, progress, issues or conflicts and adherence to the specifications.

## PERFORMING TESTS

### Soil:

- Field density test, proctor test, soil classification, plasticity Index (P.I), CBR , Plate load test, natural moisture content, consolidation, direct shear, SPT test.

### Concrete:

- Casting of concrete cylinder for testing
- Concrete Mix Design for different classes
- Core test for paved concrete
- Crushing of cylinder for Compressive strength
- Schmidt hammers test or rebound hammer test
- slump test, Sand equivalent test, Fineness Modulus

### Aggregate Tests:

- Sand equivalent, loss angles Abrasion test, Clay lumps test, Elongation and flakiness
- Aggregate Base Course mix design according to MOT and Amana Jeddah requirement. Blending of aggregate, Soundness of Aggregate, Specific gravity, Gradation and Light weight particles of Aggregate.
- Impact value test, crushing value test.

### Asphalt:

- Super Pave Hot Mix Design Bitumen Base Course and Wearing Course
- Marshal hot mix design Bitumen Base Course and Wearing Course
- Sampling of HMA and Core for testing
- Bitumen adhesion
- Ductility test, float test, determination of water content, Extraction, Penetration, Core density and Compaction, prime coat and take coat test, Prepare sample for Asphalt Coating and Viscosity.
- Site supervision and control temperature at site and plant.
- Hot bin gradation and blending.
- Road marking paint test

### Super Pave Tests:

- MSCR (DSR), BBR, RTFO, Viscometer, Moisture Sensitivity, GMM and GMB of Hot Mix.
- Ensure the work quality according to the client demand and project specification.

### Steel Tests:

- Tensile tests , Bending tests , Chemical test

### OTHER

- DFT, FDT, NGT, REFLECTIVITY, PLATE LOAD, PUL OUT, PUL OFF , THARMO CUPLE, SAMIT HAMMER