



## **Mohammad Tahir Jamil**

Civil/Structural QA/QC Engineer

Current Address: Al-Khobar, Saudi Arabia

Contact: **+966-572324717**

E-mail: [tahirjamil2013@gmail.com](mailto:tahirjamil2013@gmail.com)

### **EDUCATION**

#### **B.Sc. Civil Engineering**

**University of Engineering and Technology**, Lahore, Pakistan

Degree obtained in 1992, Registered Professional Engineer.

### **SUMMARY**

More than eighteen years experience in QA/QC, Design Review & Comments & Supervision of structures. Responsible for Quality Control of the project ensuring compliance with specification codes Review and check material submittal logs and status to verify compliance in accordance with requirements on installation and testing procedure stated on contract specification. Monitoring construction activities and testing with 3rd party. Committed to identifying issues, achieving solutions & to comply safety procedure. A good leader/member, able to communicate with all team members.

### **SKILL PROFILE**

- **Calculation:** Analysis & design calculation of new buildings and strengthening of existing Buds.
- Prepared design calculations of Pipe racks for Process Industries.
- Maintain construction/building inspection files and logs; prepare reports and other correspondence as required.
- **Pipe Supports** Designed of Pipe support structures & foundations for SABIC Projects
- **Structural Platforms:** Furnish new and existing Platforms modification design & drawings.  
**Reports:** Prepared Structural design report & drawings for client review and approval.
- **Scope of Work:** Prepared structural Scope of Work & Project Technical Specifications.
- **Review:** Review third party/Consultant's Design & Drawings Packages, Issued Engineering comments & Recommendation, resolve contractor's problems and response to contractor queries
- **Quality Control:** Ensures the accuracy of data and adherence of the document and procedures are done according to the Quality Control principles. Check As-built and shop drawing submittals of subcontractor with reference to design drawings,
- **Supervision:** Proficient in Supervision of the construction work, Site coordination,  
**Technical Queries:** Response to technical queries from contractor during construction.
- Perform duties as a project Manager for local projects & Power Plant Projects,  
Familiar with International Code ACI, ASCE-07, AISC, IBC, SABIC Standards SES Code
- Prepared the technical reports at,

### **Employment History**

**1- (Feb-2017 to Date)**

**QA/QC Engr.**

1/6

**Alrabiah Consulting Engineers  
(ARE), Dammam**

ARE is multi-disciplinary professional consulting firm, offer engineering design services for buildings, roads, sewerage and drainage network. ARE is ISO Certified & Follows the guidelines of the ISO 9001 standard. ARE is expertise in retrofitting of damaged steel & concrete structures and rehabilitation of existing buildings.

**2- (Feb-2016 to Feb-2017)**

**QA/QC Engineer**

**Saudi Technologist Consulting Engineers  
(SATECH), Al-Khobar**

One of the leading Project Management & Engineering Design Consultants for Saudi Electricity Company, Royal Commission, MARAFIQ etc. Dealing with Power Projects, Power Plants, Substations and Medium to High and Extra High Voltage Transmission Lines

**3-(May-2013 to DEC-2015)**

**Structural & QA/QC Engr.**

**Saudi Consulting and Design Office (SCADO)**

(Lead Engr. Structures Industrial Div.)

**SCADO** is engineering Consultant Company, providing Engineering and design services to SABIC, (Hadeed, Sharq, SAFCO) RC Jubail & Yanbu, and various other Clients. It deals Industrial, commercial, health, residential and Town Planning projects.

**4-(January-2012 to May 2013) (Project Manager for HHI Projects)**

**Abdul-Aziz A.Kamel & Partners Consulting Engineers Co. (AKP)**

**AKP** is engineering Consultant Company, providing services to Saudi Aramco, Hyundai Arabia Int. It deals Industrial, commercial, residential and Town planning projects.

**5-(July-2002 to December-2011)**

**(SATECH), Al-Khobar**

**QA/QC Engineer**

**Extra High Voltage System, SEC –EOA HQ's-Dammam**

Saudi Electricity Company is a specialized company (SEC) Design and Construction for Generation, Transmission and Distribution of electric power in Kingdom of Saudi Arabia. SEC is providing a wide range of engineering, Procurement & Construction Contracts.

**6-( 1999 to June-2000)**

**QA/QC Inspector CIVIL**

**Tamimi Co. Construction Division, Dammam**

Tamimi construction Div. pipeline construction with Saudi Aramco in Eastern Province

**7-(Feb 1994-to Jan-1999)**

**Civil/ Structural Engineer**

**Daewoo Corporation (South Korea)**

PAKISTAN MOTOR WAY PROJECT M2, (Lahore-Islamabad) Pakistan.

**8-(Jan 1992 to Jan-1994)**

**Associate Consulting Engineers (ACE), Lahore-Pak**

**Civil/ Structural Engineer**

**Details of Experience**

**1-ARE Selected Assignments:**

1-Client: Saudi Aramco Base Oil Company **LUBEREF**, Jeddah. Task: New Slop Oil Storage Tank (Diameter 7.3 m & Height 10m) F-3002 by replacing existing one.

2-Client: Saudi Iron & Steel Company- **Hadeed**- Industrial City Jubail, Task: Structural Retrofit of Damaged Runway Girder in SPFP Melt Shop.

3-Royal Commission at Yanbu RC various Tasks, Structural investigation of Houses in Radwa, Yanbu

4- Assessment & recommendation of Al-Ghayada Airport in Yemen: Prepared Report which was comprised Field Observation, Repair Strategy, construction drawings & BOQ of each building.

5- Rehabilitation of One Million Reservoir in Makkah: Issued deliverables which included Field Observation, Repair Strategy, rehabilitation drawings & BOQ.

6-Client: Abdul Latif Al-Fozan. Project: Autism Centre, Design review and comments & response to all structural related site quarries, design & drawings, conflict raised by contractor.

7-Client: SAMREF, ARAMCO Mobil Refinery Company Ltd. Breasting Dolphins of three Berths,

### **Duties & Responsibilities:**

- Achieved **ISO 9001:2015** by following QMS and ITP (Inspection & Test Plan).
- Perform all daily Inspection and Tests under Contract on or Off Site.
- ON at site and OFF at factory or Laboratory.
- Ensure activities at site are as per approved Method Statement and ITP
- Coordinate site related activities and act on technical inquiries to resolve issues with regards to deviations from approved construction drawings.
- Prepared daily reports and data for review and evaluation of QC Manager
- Check As-built and shop drawing submittals of subcontractor with reference to design drawings, provide information and site instruction regarding site condition.

### **2- SATECH**

Inspection the civil/structures construction activities of substations buildings and transmission Line projects. It includes structural work of power transformers, foundations 20m Lighting Mast, Control & GIS buildings, Cable basement, Precast manholes etc

### **3- SCADO**

Projects & Responsibilities:

#### **Project:**

Replacement of Undersized PSV's and Flare Header Modification

#### **Client: SABIC-PETROKEMYA**

Structural phase of this job covers the installation of Pipe Supports (PS-01 thru PS-10) and modification of platform at Water Quench area. A structural Design activity which include Plant site Visit, Developing DCI, Scope of Work & Design Criteria based on client meeting and given ITB (Invitation to Bid), structural design calculations for supports and steel platform. Analysis & design by Staad. pro, loads from piping (CAESER II results) DEP Calculation & drawings as per SABIC standard B01-E01, Material specifications, material take of list, Inter discipline & with client Co-ordination

Installation of IBB-Porta Feed System

(Client: IBB-SAFCO)

The Civil & Structural phase of this job covers the installation of Pump Skids Foundation and Chemical Tank frame & foundation in Ammonia and Utility Plant. Design Calculations using Staad pro.V8i Elastic Mat Option, Modulus of Sub grade reactions. Check & Verified induced settlement & base pressure within allowable limits. IFC drawings Comments Resolution Log, construction SOW and Bill of Material.

SF2 to provide additional level switches (Client: IBB-SAFCO Ongoing Project)

The Structural phase of this job covers the Extension of Platform 1-S-451 for New Level Switches

Deputed in Saudi Kayan (Plant Engg.Dept.PENG) on QA/QC assignment from April 2014 –May 2015, I was involved in handling QA/QC audit and Inspection of Platform for Compressor for PHENOLICS, Peroxide IBC Station Platform for LDPE, Foundation to install new Pump EO-EG. Pipe Support design for U & O

### **4- AKP**

Projects:

Tihama Cogeneration Expansion Plant **Client:** Hyundai Heavy Industries Arabia (HHI-Arabia)  
1) Uthmaniyah Gas Plant UGP 2) Shedgum Gas Plant SGP

- CAR PARKING BUILDING Client: (kFMCC)
- Jeddah South Thermal Power Plant(JSTPP) Owner: Saudi Electricity, EPC Contractor: HHI
- Saudi Aramco Projects, 11W087-Yanbu Refinery
- Quality Assurance and control requirements of design Process

### **Responsibilities:**

- Project Management; Attending the kick off meeting with Client & clarify project scope.
- Develop the Design Bases in line with internationally accepted Industrial Standards
- Responsible for all structural related communications within & outside the Department.
- Develop list of deliverables and DCL & Project status reporting.
- Handling QA/QC Audit
- Develop the design concept and basic drawings to detailed engineering
- Prepare Project Technical Specifications and Construction Scope of Work.
- Design of Pipe Support & 11W087 Yanbu-KSA.
- Design of Pipe rack of Sadara II for CCE.

### **5- Saudi Electricity Company, SEC (SATECH)**

Review and verify the contractor's Design submittals for GIS as per requirements stipulated in Project Technical Specifications (PTS), ET drawings, pre-bid and post bid documents, Applicable Industrial Material Specifications, Engineering & Construction Standard, Standard Drawings (SD) and applicable International Codes and Standards, it involved;

- Review Draft Specifications and Scope of work Documents (SOW/PTS) Commented on Layout of the Building, Topographic & Grading Plan, Site Development Plan including details of levels with respect to crown point fixed with some known reference point.
- Review and issue comments on Geotechnical Soil Investigation report for S/S Building. It includes study of Boreholes, SPT Values, and Chemical Test for subsoil to check chloride and Sulphate contents for concrete Foundation Treatment.
- Furnish review at detailed Architectural & Str. Drawings for Control Building, GIS Building, Guard House, Toilet, Drive and Personnel Gate.

#### **Responsibilities & Duties during Construction.**

- Site inspection/audit of engineering works (e.g. reinforcement concrete, backfilling, drainage. Services, infrastructure)
- Executing all activities according to the related to civil and architectural drawings.
- Preparation for all related bills of quantities for subcontractors.
- The follow and monitoring over all activities.
- Supervision on dry and wet mix design concrete in relation to the required compressive strength
- Analyze site investigation report such as FDT, Concrete Compressive tests.
- Supervision of concrete casting operation to ensure a good and proper conclusion not only compressive strength but durability consideration.
- Working with technical office to analyze some elements from the whole structure such as column, critical beam and foundation.
- Preparation of I.T.P, Method of statement, Submittals, Handover documents etc
- Taking of quantities, cost estimates and preparation of construction documents.
- Proposing corrective and improvement actions for construction activities, where and when advisable.
- Coordinating for material, manpower and machinery with management.

- Responsible for all the daily, weekly and monthly progress report of executive of work on site.
- Coordinating with all the senior engineers of programmer and consulting staff regarding any technical issue at site.
- Responsible for all closeout requirements transmittals and approvals for complete project.
- Executive the assigned duties accordingly to the related to civil drawings.

### **Other projects**

**Project:** Tower Lines to SSPP & SS9I-115KV T/L, Foundation for 380kV T/L  
45 BC 115/34.5 kV Substation RC Jubail  
Client: Royal Commission For Jubail and Yanbu (RC)

**Project:** Engineering Design for construction of BCIC Plant-2 Exp. at 1<sup>st</sup> Industrial Area  
Dammam  
Client: Building Chemical Ind. Co. Ltd (BCIC) Dammam.

- Verify structural concreting works such as Slab, beam, column, footing reinforcement shuttering works in compliance with the approved shop drawings, bar bending schedule, and specification details.
- Monitoring approved backfilling materials, witnessing field density test (FDT).
- Coordinate with the consultant's representative and Site In-charge for inspection and meeting about quality
- problems including the closure of Non-Compliance Report.
- Monitoring a QC Inspectors Team to ensure that the quality control related site activities are in accordance with the applicable codes and standards.
- Conduct weekly meetings with subcontractors, vendor and Qa/Qc Manager.

### **6- TAMIMI Co. Construction Div. Dammam**

- Perform all daily inspection and test of the scope and character necessary to achieve the quality at Saudi Aramco Project Pipeline Upgrade System at Uthmaniyah.
- Carry out inspection and checking for all quality related procedures in the site and ensures activity at the site are as per approved method statement and inspection test plan.
- Responsible for inspections regarding Excavation & Back filling works, Formwork work, Reinforcement

### **7- Daewoo Corporation**

Client: National Highway Authority (NHA)

**Project:** PAK MOTORWAY PROJECT (Lahore-Islamabad)

Responsible for structural design, drawings, preparation of calculation sheets submitted to client for review and final approval of all additional requirements & site visits. Design task includes Tool plaza (steel structural frame), design of compression and tension members for trusses, purlins, beam columns, anchor bolts, base plate etc.

### **8- Associate Consulting Engineers (ACE)**

- Worked with Structural Design team as Civil Engineer for Residential and Commercial Concrete Buildings, Design of Villas, Offices, Schools and Building Extensions etc. Site Visit and Preparation of Bar Bending Schedules.

Staad.pro V8i: Staad pro Connect Edition  
AutoCAD, IDEA Statica  
PC MAT, PCACOL,  
MS office (Word, Excel, PowerPoint)

## ENGINEERING AFFILIATION

Member of Saudi Council of Engineers No.133446, Civil Engineer Consulting Degree  
Member of Pakistan Engineering Council (Civil / 15653), Professional Engineer  
Member of American Concrete Institute Saudi Arabian Chapter Eastern Province ACI,  
Member of Toastmaster International (TMI) SAHARA Club,

## PERSONAL INFORMATION

Father's Name : Mohammed Buksh  
Nationality : Pakistani  
Religion : Islam  
Driving License : Valid Saudi Driving License no. 2331785804  
Iqama Status : Transferable  
References : Qamar Haider 0565001211, Mohd.Ashfaq Hanif Project  
Manager (GL) SEC H/Q Dammam  
Mr. Badsha Hussain ED-SEC Procurement (0581259819),  
Hameed Hussain (0508977894), Mohammad Abrar Shami  
Abdul Rouf, Project Manager ARE 0559745682