

## CURRICULUM VITAE

MOHAMMAD SHAHWAZ AFTAB

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Location :- RIYADH

**Iqama Status:- TRANSFERABLE**

### PROFILE SUMMERY...

Result oriented, with 19<sup>th</sup> yrs. experience out of which 16<sup>th</sup> yrs. in GCC and 3<sup>rd</sup> yrs. in India as an Electrical Inspection, Supervising, Testing & Commissioning of electrical system and project consultancy across residential, commercial, industrial and metro rail station project. Proven expertise in ensuring compliance with Saudi Building Code (SBC), IEC, NEC, NFPA and project specifications. Skilled in inspections, technical reviews, and documentation in both construction and commissioning stages.

**Specialized in High-Rise Buildings, Residential & Compound Housing Projects, Commercial Buildings, Metro Rail Station and Riyadh Metro Project (RMTC JV).**

### CORE COMPETENCIES...

- Electrical Systems Inspection (LV/MV) & testing commissioning and Fire Alarm System.
- QA/QC Procedure & Documentation.
- IFC, Shop, As-BUILT Drawing, ITP & MS Review.
- NFPA / IEC / NEC /SBC codes Compliance.
- Cable Testing(IR, HI Pot, Continuity)
- Material Inspection & WIR / MIR.
- Site Supervision & Safety Compliance.
- Root Cause Analysis & NCR Management.
- Testing & Commissioning Supervision.
- Pre-Commissioning, Project Handover, Snagging & Final Punch List.

### PROFESSIONAL EXPERIENCE IN (GCC.)

**Since Dec. 2014 to Till Aud. 2025, Riyadh (KSA) with JV Riyadh Metro Transit Consultants (RMTC).**

**Client : Royal commission of Riyadh (RCR).**



**Company : EGIS GROUP (CONSORTIUM RMTC).**



**Contractor : ANM (Ar Riyadh New Mobility).**

**Designation : Senior Electrical Inspector.**

**Project Title : 1500V/750V DC 3<sup>rd</sup> Rail Riyadh Metro Package2 Line-3.**

**Project Cost : 5.2 billion USD.**

### **Responsibilities:**

- Project Quality Plan, Safety Plan, Schedules and compliance with Project objective.
- Make sure that site activities are properly monitored and all quality records are established and maintained.
- Managing of D & B Contractor and them subcontractors/suppliers to deliver the works safely and within programme/budget targets.
- Reviewing and understand the project scope and specification along with the ITPs, drawings and method statements for each work activity.
- Make sure that all site inspections are carried out as per intervention points marked in the approved Inspection and Test Plan.
- Performs quality control and ensures that the works are carried out in accordance with the contract requirement.
- Identifying site issues/defected work or non-compliance/approved materials and raising non-conformance report (NCR) after consulting the RE and the QA\QC Senior Engineer assigned the workplace. Also follow up the NCR on site once the close out action have been agreed.
- Submittals (Material Approvals, Material Inspection, Shop drawings, RFI's, VO's,) and Logs (IFC drawings, Shop drawings, IR, NCR, MAR, MIR, ITP, MS, HSE, Reports, Site Instructions) Conduct performance evaluation for the Contractor, Sub Contractor, 3rd party Etc...
- Review construction drawings, specifications, work guide lines related to project electrical systems applicable for understanding and implementation at site.
- Attend / Perform all Electrical activity (MV panel, MCC panel, ATS panel, PFI panel, DB and Bus Duct system), Low current system (Fire Alarm, BMS, CCTV, Photo Cell, Sencer and PAS) inspections as identified in the approved Inspection and Test Plan (ITP)
- Inspect the electrical material and equipment's through Material approval in compliance with specification and design.
- Closely work with Senior Engineer and Design Engineers.
- Field checks installation and Verifies equipment settings, alignment, Testing and energization requirements Assures compliance with approved submittals.
- Evaluates and monitors adequacy of Contractor Quality Control (CQC) programs.
- Prepare and submit daily and weekly field progress reports for submission to the RE.
- Supervising all testing commissioning activities, Including Integration with BMS package substation MV panels and cabling, ATS panel, PFI panel, DB, MCC, Bus tie ducts, Transformer, HT switch gear, Fire alarm, FM200 system, Public address system & CCTV camera control cabling.
- Project Handover , Snagging, De-snagging & Final Punch List.

### **Since June 2011 to June 2013 (OMAN) with Japaul Gulf Electromechanical LLC, Oman.**

**Company : Japaul Gulf Electromechanical LLC. Oman.**

**Consultant : Gulf Engineering Consultant**

**Designation : Electrical Engineer**

**Project Title : Different location of housing project in Quriyat (OMAN).**

**Project Cost : OR 50 Millions**

**Project Details : This Project sole authority of ministry of OMAN. Construction of Main Building & Internal Road Network Utilities.**

### **Responsibilities:**

- Selection of the Electrical Distribution Boards, Main Distribution Boards (M.D.B'S), Sub Main Distribution Boards (S.M.D.B'S), and Final Distribution Boards (F.D.B'S) etc. and Work out for the most economical and suitable scheme. Guiding the AutoCAD Draftsman for Preparing the Electrical Shop Drawings as Per the Clients Approval.

- PVC, GI Conduits, Wiring Accessories, Cables, Cable Trays and Material Required Quantity Take Off From Drawings.
- Supervision all electrical Works at site as per approved shop drawings and check all material delivered and installed at site reporting to immediate resident engineer at site.
- Preparation of Material Submittals for Clients Approval and inspection requests of site work for consultant.
- Co-Ordinate with mechanical and plumbing department.
- Ensure That the Work Should Complete In Time with The Given Specifications.
- Managing skill and unskilled manpower and quality checks at site.

**Since Jan 2006 to Dec 2009 (Qatar) with Al-Seal Contracting & Trading Co. WLL, Qatar**

**Company : Al-Seal Contracting & Trading Co. WLL, Qatar**

**Consultant : M Z & Partners**

**Designation : Electrical Engineer**

**Project Title : Lagoon Plaza (Zig Zag twin tower), B+G+34 Floors, Residential & Commercial Complex.**

**Project Cost : QR 500 Millions**

**Responsibilities:**

- Installation Transformers, Switchgears, Control Panels, MV, SMV, EMV, ESMV, ATS and MCC panel,
- Installation bus duct for transformer to MV panel and MV panel to SMV panel.
- Calculate of total load current and select the cable size and making load schedule.
- Internal lightings inside substations, control building, plant interface buildings and security room. Installation of Obstruction light middle level and higher level of building.
- External lightings in the pipe racks, street lights, security fencing lights..
- Installation of Cable Trays inside Substations, Station Control Room (SCR).
- Laying of underground cables for MV & LV power distribution.
- Meggering of bus duct, cable, panel bus bar and continuity test.
- Installation and making operational different lighting fixtures.
- Conduits & Cable Trays Installation for CCTV, P.A.system, Emergency central batteries system, fire alarm , fire alarm system, SMATV system and Telephone system.
- Conducting final inspection after installation of Electrical Equipment's and systems.
- Ensuring smooth functioning of construction activities Analysing project scope document and contractual requisites; implementing construction strategies to optimise budget.
- Monitoring project schedule and progress. Review the design drawing and document submittal.
- Providing solutions to different construction related problems.
- Bridging the gap between the drawings and constructions based on the actual site condition.
- To follow up with consultant comments shell be noticed on the RFI, required rectifications before final hand over stage.
- Providing guidance to subordinates for critical aspects of construction.
- Generating Site Technical Queries and providing solutions in consultation with the client.
- Maintaining Quality documents and involve with testing and commissioning team.

## Experience IN (INDIA)

Since Feb 2010 to May 2011 (India) with Elmatics Engineering Pvt Ltd, Belapur, Navi Mumbai

**Designation** : **Electrical Engineer**

**Project Title** : **Rising City PH-01, 2B+G+24 Floors, Residential Building**

### Responsibility

- The Material Procurement, Material Submittal & Approval and Safe use of Material & Resources at work place.
- Networking with Consultants, Contractors, Clients to ascertain technical specifications, construction related essentials, based on the prevalent rules.
- Inspecting material delivery at site for specification compliance and correctness as per delivery report.
- Installation of Cable trays Cable Ladders and GI Trucking, GI Conduits, landing and Termination of HV/LV And Control Cables, Installation of Lighting and Small Power, Fire Alarm and Earthing. CCTV, SMATV and PUBLIC ADDRESS system.
- Guiding the AutoCAD Draftsman for Preparing the Electrical Shop Drawings as Per the Clients Approval.

Since Feb 2004 to Aug 2005 (India) with Larsen & Toubro Ltd (ECC Division), Delhi, India

**Designation** : **Site Engineer**

**Project Title** : **Delhi Metro Rail Corporation MC1B**

### Responsibility

- Overall responsibility for site work, installation.
- Installation of temporary construction power and lighting network in consultation with the operation group.
- Installation of Cable Trays inside Substations, Station Control Room (SCR).
- Providing primary and secondary supports to the routes of cable tray.
- Laying of underground cables for HV & LV power distribution.
- Installation Transformers, Switchgears, Control Panels and related accessories.
- Installation & Testing of Motors of different capacity and rating.
- Installation and making operational different lighting fixtures
- Conduits & Cable Trays Installation for CCTV, P.A. system.
- Conducting final inspection after installation of Electrical Equipment's and systems.

Since July 2001 to Dec 2003 (India) with Process Control Technology Pvt Ltd, UP, India

**Designation** : **Supervisor.**

**Project Title** : **Mathura Refinery.**

### Responsibility

- Installation of Cable Trays & Conduits.
- HV & LV Cable lying & also Glandding + termination for it.
- Installation & supporting of Power & Distribution Transformer & DG sets.
- Installation, Testing & Commissioning of Area Light with Photo Cell.
- Installation of HT/LT Switchgear of different ratings.
- Adapting High Standard of safety & field quality assurance.

## Educational Qualification...

- Academic:- Bachelor of Engineering (Electrical Engineering),(AIEM. MUMBAI, INDIA)  
Diploma of Electrical & Electrical Engineering (Karnataka Technical Board, INDIA)  
Diploma of Electrical QA\QC (VITAL EDUCATIONAL ACADEMY(NEW DELHI)

## Professional Qualifications:

PMP® Certified - Number – 3186641

QMS Aud.\ Lead Aud. (ISO 9001:2015) - Number – 401462 CQI\IRCA Approved.

Training Attended for HSE, QMS,

## IT SKILLS

Primavera P6, M.S. Office, Internet, Auto CAD.

## PERSONAL INFORMATION :

Date of Birth	:	20 <sup>th</sup> Oct 1976
Language Known	:	English, Hindi, Urdu & Arabic
Passport No.	:	V6803560 Issued from Riyadh (KSA) (Expired at 05/06/2032)
Nationality	:	Indian

