

ASIF ULLAH KHAN.

B.Sc Electrical Engineer.

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PERSONAL STATEMENT.

Destiny is not a matter of chance; it's the matter of Choice. It's not the thing to be waited for; it's the thing to be achieved!...

PERSONAL INFORMATION:-

Experience: **07 Years**

Date of Birth: **Feb, 08th, 1987**

Nationality: **Pakistani**

Marital Status: **Married**

Religion: **Islam**

N.I.C no: **11101-4191453-9**

KSA Driving
License No: **2359927106**

Passport No: **LD4114532**

**Pakistan Engineering Council
(PEC) Registration no.:**
Elect / 36557.

**Saudi Council of Engineering
(SCE) Registration no.:**
Elect/108447/SA

Profile Synopsis.

Competent Engineering professional with **07 Year** of proven work experience in the field of Construction, Maintenance and Operation with strong background in Power and Distribution Substation installation, Utilities, operation, building construction and commissioning. Being an Electrical Engineer involved in projects from the concepts and details of the design through to implementation, testing and handover. Additional attributes such as commercial awareness, team leadership and management skill. Delivered various projects of different complexities within budget, timeframe and Client satisfaction.

Career History:

- Currently working as Project Engineer at JAL International Co. Ltd
Riyadh, Kingdom of Saudi Arabia Dec. 2013 – Date.
- Electrical Engineer (Substation) at Saudi Arabian Trading & Engineering Company
Riyadh, Kingdom of Saudi Arabia. Sep 2009 – Nov. 2013.
- Electrical site Engineer at Peshawar Electricity Company-PESCO
Peshawar Pakistan. Aug. 2008 – Aug. 2009

Achievements:

- Received Certificate of Appreciation for the excellent participation to achieved success in the completion of 33kv Power Distribution Project of 1.5 billion USD, 50 Substation (1000 KVA) Installation erection, Cable Laying, testing & operation.
- Presented with Appreciation Certificate for the outstanding involvement in crucial Emergency season at SEC during SUMMER season (2011, 2012 And 2013)
- Received Certificate of Appreciation for the exceptional performance contributed in the construction and Quality Control Department at SEC projects in Riyadh.

Qualification



- **B.Sc. Electrical Engineering.**

NWFP University of Engineering & Technology, Peshawar KPK Pakistan.



Professional trainings and courses attended.

OSHA U.S.A Certified.

1. BASIC OCCUPATIONAL SAFETY & HEALTH MANAGEMENT COURSE.(48 Hour-Professional).
 - Introduction to Safety Management.
 - Safety Management System Evaluation.
 - Effective Safety Committee Operations.
 - Effective Accident Investigation.
 - Safety Supervision and Leadership.
 - Emergency Action Plans.
 - Fire Prevention Plans.
 - Fleet Safety Management.
 - Ergonomics Program Management.
2. JOB HAZARD ANALYSIS. (8 Hour – Professional).
3. ELECTRICAL SAFETY BASIC (8 Hour – Professional).
4. Technical Training at WAPDA Engineering Academy Faisalabad (06 Week's).
5. PLC Training Course from Skill Development Council Islamabad (06 Days).

Position Held: Project Engineer.

Project: High Voltage and Low Voltage distribution and Substation installation. Riyadh, Contract No. 4400001896/120).

Client: Saudi Electricity Company.

Durration: Dec. 2013 to Date.

Main Responsibilities:

- ↻ Reporting to the Project Manager In charge (PMI).
- ↻ Evaluate the engineering analysis used to support the selection of parts, components, and materials that meet requirements.
 - ↻ Electrical load estimation, design as per international and local standards (medium and low voltage), NEC, Saudi Building code. Development of single line diagram and control schematics, electrical equipment selection sizing and protection (Transformer, generator, motor, Bus duct, Capacitor Bank, UPS, etc). Cable sizing, bus bar, earthing system according to the load analysis and routing, Short Circuit Calculation, voltage drop calculation, lighting and illumination design.
 - ↻ All electrical low and Medium Voltage installation works, which were being carried out as per BOQ specifications and material as per standard codes NFPA-70, 72, NEC & Saudi Building code.
 - ↻ Evaluate engineering proposals, shop drawings and design comments for sound electrical engineering practice and conformance with established safety and design criteria and recommend approval or disapproval.
 - ↻ Installations of all electrical works were carried out as per approved shop drawings ensuring compliance with safety requirements and as per standards.
 - ↻ Coordinate with Mechanical, civil, Architect Engineers, Discuss technical aspects of electrical system with Contractor towards successful completion of project.
 - ↻ LV switchgear substation, Installation of transformers up to 1000 KVA, termination into panel boards.
 - ↻ Engineering, Installations, Procurement, Precommissioning & Commissioning Coordination of 11kV Distribution Substation Equipments detailed as below:
 - 2 MVA 11 /0.433kV Distribution Power Transformer SCHNEIDER ELECTRIC
 - 500KVA , 415V Diesel Generator CATERPILLAR
 - 11kV High Voltage Switchgear MCSET SCHNEIDER ELECTRIC
 - 415V LV Switchgear BLOKSET SCHNEIDER ELECTRIC
 - 24V and 110V DC UPS systems GUTOR , ALCAD
 - Building Services - HVAC System, lighting & small power, Earthing system
 - Cathodic Protection of Pipelines.
- ↻ Created and maintained project documentation for project planning, requirements analysis / compliance, risk management, issues, management, status reporting, project communication, and quality assurance.
- ↻ Managed project scope, cost, timeline and risk management and establish priorities for work delegated to others.

PROFESSIONAL SKILLS.

- Electrical Testing & Protection
- Automation & Control
- SCADA Systems(SimaticWinCC)
- BMS (Design Insight)
- Excellent Follow up and Reporting Skills.



Saudi Arabian Trading & Engineering Company

Saudi Arabian Trading & Engineering Company

Position Held: Electrical Engineer (Substation).

Project: High Voltage and Low Voltage distribution and Substation installation.

Riyadh, Contract No. [1084102100/120](#).

Client: Saudi Electricity Company.

Durration: Sept 2009 to Nov. 2013.

Main Responsibilities:

- ✧ Preparation of Cable Schedule, Plant load list Schedule & Site Survey reports.
- ✧ LV Cables Sizing Calculation , AC & DC UPS System / Batteries Sizing Calculation
- ✧ Earthing & Building lightning protection Calculation, Indoor & Outdoor lighting Calculation
- ✧ Preparation of Method statements and Job safety Analysis
- ✧ Knowledge of IEC,IEEE and relevant local engineering standards & specifications
- ✧ Review of Engineering Submittals i.e Project Drawings, Vendor Drawings and Vendor Material Submittals
- ✧ Coordination and follow-up with Client for getting approval of project drawings & documents.
- ✧ Responsible for leading the Electrical Substation Designing related to Saudi Electricity Company using International standards and codes.
- ✧ Reporting to the General Manager – MEP
- ✧ Assisting the General Manager in the preparation of tender from beginning stage till the submission.
- ✧ Electrical load estimation, design as per international and local standards (medium and low voltage), NEC, Saudi Building code. Development of single line diagram and control schematics, electrical equipment selection sizing and protection (Transformer, generator, motor, Bus duct, Capacitor Bank, UPS, etc). Cable sizing, bus bar, earthing system according to the load analysis and routing, Short Circuit Calculation, voltage drop calculation, lighting and illumination design.
- ✧ Building security systems, Access control systems, CCTV, Public Addressable systems, Fire Alarm System, Lighting control system, telecommunications, data services, cable tray routing.
- ✧ Providing guidance to prepare Lighting layouts, power layouts, Load schedule, single line diagram and the related engineering calculations like panel board circuits and main distribution board circuit breaker size selection etc.
- ✧ Involved in Preparation of Lighting Design with Architect Engineer using Di-Lux software and producing lighting Distribution based on Lux level Scheme.
- ✧ Accountable for attending meetings with Team/ User for resolving different technical issues at the design stage.
- ✧ Making Site Survey for upcoming Projects.
- ✧ Engineering, Installations, Testing & Commissioning Coordination , Operations of Utilities Equipments which includes
 - 5 MVA 11/6.6kV Dry Type Power Transformers AREVA TURKEY
 - 2 MVA 6.6/0.433kV Dry Type Distribution Transformers TESAR ITALY
 - 6.6kV Medium Voltage Switchgear SIEMENS TURKEY
 - 415V Low Voltage Switchgear SIEMENS ELMEC,UAE
 - Generator Control Panels, Common Control Panels EATON,UAE
- ✧ Load Banks for the application of Generators Periodic Testing AVTRON,USA & its Related Power Junction Boxes CE-TEK, UK.

Interest:

- Passion of Teaching higher studies
- Career Counseling
- Team Work, Public Speaking &
- Socializing ,Internet Surfing,
- Reading, traveling & Badminton
- Artistic Designing
- Interaction with Professionals.
- Table Tennis, Cricket, Chess, Gym,
- Internet surfing etc.
- Video Conferencing ,Reading Novels



Position Held: Electrical Site Engineer.

Project: Grid System Operation and Substation installation.

Hayatabad, P-3, Peshawar, PAKISTAN,

Client: Water & Power Development Authority-(WAPDA).

Duration: Aug 2008 to Aug 2009.

Main Responsibilities:

✎ Dismantling & Installation of line controlling equipment like Isolators, Circuit Breakers, Current Transformers, Potential Transformers and their connectivity with main bus bars in case of permanent faults.

✎ Routine inspection of the grid station equipment i.e. Air Pressure, SF6 Gas Pressure of Breakers, Oil level of C.T's, P.T's, Transformers, Counter-reading of breakers, lightening arresters, Visual inspection of C.T's P.T's.

✎ To arrange the shut downs for routine maintenance (annually) and emergency maintenance on Power Transformers/Breaker including washing and cleaning of insulator posts of C.T's, P.T's & Transformer bushings. Topping up of oil level and when required for transformers. Measurement of Contact Resistance of breakers, isolators, opening / closing timing of breakers. Mechanical parts inspection and cleaning, greasing & lubrication. Verification of local remote operation of all the equipment. Tightening of Nuts & Bolts, tightening of clamps & structure. Replacement of spare parts, Gaskets, MCB & Magnetic Contactors if required.

✎ To keep the DC Battery Charger & Battery Sets healthy by checking its total voltage, voltage/cell, electrolyte level, specific gravity, corrosion etc.

✎ Earth resistance testing of all the equipment and structure on half-yearly basis.

Dear Sir/Madam,

Enthusiasm, hardworking and ability to work ,if these are some of the attribute you are looking for in study and research area then I believe that I will be able to meet your requirement. I have done my BS in Electrical Engineer.

I want to pursue my higher studies under your supervision, which would give me an opportunity to practically implement the knowledge and experience that i got and can also provide growth prospects in field of research. With my knowledge and experience, I believe that I will be a very efficient student. For details I am enclosing my resume with a hope to receive a favorable response from you.

Yours Sincerely,

ASIF ULLAH KHAN.