



## ATIQ KHAN

Electrical Engineer

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📍 Manfoha, Riyadh, Saudi Arabia

### 🦋 KEY SKILLS

- Testing and commissioning
- Construction
- Facilities Management
- Operations and Maintenance
- Project Management
- Team building and Leadership
- Calibration
- Presentation
- Problem solving
- ETAP power system simulations

### 👍 ATTRIBUTES

- Ethical & Loyal
- Flexible • Team Player
- Humble & Honest
- Technologically Competent
- Diligent



## PROFESSIONAL SUMMARY

To join well established organization, where I can use my Capabilities and enhance my skills of being an Electrical Engineer. I am eager to contribute my creativity and hard work towards the success of an organization and to the growth of the fast developing field.



## WORK EXPERIENCE

### Al Fanar, KSA

Electrical Engineer

O&M Engineer - DEC 2014 - July 2020

Projects:

- Clock Tower and Chiller Plant, Makah
- Princess Nora Bent Abdulrahman University, Riyadh
- Imam Saud University, Riyadh
- Al Fanar calibration lab, Riyadh
- Various substations of SEC (Saudi Electricity Company)

Responsibilities:

- Testing of substation equipment, Switchgear, CB, CT, VT, Relay, Busbar, Power Transformer, battery bank, Grounding transformer, switches by performing Insulation Resistance Test, Contact Resistance Test, C.B Timing Test, Transformer's Turns Ratio Test, Winding Resistance Test, Oil Voltage Breakdown Test.
- Developing formats and procedures for thorough testing of the equipment and developing reports
- Calibration of electrical and mechanical measuring instruments, Energy meters, Multimeters, Resistance meters, Insulation meters, Transducers, Torque wrenches, deadweight testers, etc.
- Efficiently handling switching operations in normal as well as in emergency situations and to make sure proper functioning of substations while ensuring smooth supply & executing safety measures
- Utilizing test tools, technical manuals, system drawings & electrical schematics in view of troubleshooting equipment and systems while staying in touch with SCADA, BMS team for excellent collaboration
- Plan and perform preventive and corrective maintenance of substation equipment and meet deadlines
- Training and interacting with the new technicians and engineers at site
- MV/LV breakers, Transformers PPM at turn around in SADARA chemical plant.
- Carry out quality assurance tests to discover errors and optimize usability.
- Operation of 380KV substations in Taif and Ras Alkhair.

### Albusaili Electromechanical works, Riyadh

Electrical Engineer

Dec 2012 - Dec 2014

- Carrying out different Electrical tests on 13.8KV, 33KV switchgear and transformers in different location of Saudi Arabia.
- Tests such as IR, contact resistance and CB maintenance Tests.

- Relay tests based on DMT, IDMT.

#### **Aramco Maintenance and Installation -**

- Worked as Electrical maintenance Engineer at Aramco facilities in Riyadh and Jeddah regions.
- Maintenance of building auxiliary facilities such as building cooling systems.
- Installation of distribution cables.
- Shut down operation and preventive maintenance of medium voltage distribution systems in Rabigh oil refinery of equipment such as breakers, power meters, voltmeters, ampere meters, Energy meters, Transformers.

#### **Hydro Tech Pak-Malakand-3 Hydro Power Station**

**Dargai KPK, Pakistan** Nov 2007 – Sept 2012

- Maintenance of electrical and electronic equipment such as Generator exciter, A.V.T, A.T, C.T, Power transformers.
  - Hands on experience in maintenance of 132KV transmission lines.
  - Responsible for maintenance of 440V, 11KV and 132KV switchgears.
  - Working experience on power station backup UPS and 25KVA diesel generator maintenance.
- Also worked on HVAC and water based generator cooling systems.
- Responsible for operating and maintaining the electrical equipment such as voltage stabilizer, Circuit breaker, fuses, Transformers, switch gears, Auxiliary power supply, etc.
  - Termination and jointing as well as laying of MV/LV cables.
  - Maintenance and operating standards for electrical and electronic systems and equipment.



## **MEMBERSHIP**

Saudi Council of Engineers: Registration#155630

Pakistan Engineering Council :Registration#24315



## **ACADEMICS**

### **Bachelor of Science in Electrical Engineering**

University of Engineering & Technology, Peshawar,  
Pakistan  
(2003 - 2007)



## **REFERENCE**

**Adequate References May Be Furnished If Desired! - ""**