

MUHAMMAD KAMRAN KHALIQ

Electrical Engineer

- **Email:** kami3552000@gmail.com
- kamrankhaliq21@gmail.com
- **Permanent Address:** Al- Imran Public School Khichi wala THE: Fortabass DISTT: Bahawalnagar Pakistan. Postal coad (62040).
- **Present Address:** Jeddah Saudi Arabia.
- **Cell:** 00966599612884 (WhatsApp) & 00923468800670

Objective:

To gain experience of a dynamic environment with opportunity on expending upon education, developing skills, to utilize my potential for mutual benefit of company and my carrier and work in a well reputed organization which will provide me with a challenging environment so as to improve and hone my professional and inter-personal skills.

Work Experience:

- **Experience in Pakistan**.....04 years
- **Experience in Saudi Arabia (KSA)**.....06 years (Continue)

➤ **Total Experience**.....10 Years

- **Four (04) years working Experience in Electrical Department UET Lahore as Lab and Project Incharge Hardware and Software (O & M) of electrical equipment.**

- **Electrical site engineer at Mahrab construction company LTD, from (2010-2013) Lahore Pakistan.**

- **Two (02) Years Teaching Experience as a Lecturer in Hajvery University Lahore, from (2013-2015).**

- **Electrical technical office and Project Engineer at Tawaref Contracting.Co.Ltd (KSA) from (2015-Present) at These Projects.**

- **First Project in KSA: Extension of Prince Ameer Sultan of Armed Forces (103 BED) Hospital in Al-Madinah.**

These Building included with Hospital.

1. Sub Station & Generator Building
2. LPG Tank Enclosure
3. Pump House & Underground Water Tank
4. Liquid Oxygen Tank
5. Link Bridge
6. External Works

- **Consultant Office: General Directorate Of Military Works Construction Department.**

✚ Second Project in KSA: King Faisal Naval Base (100 BED) Hospital in Jeddah.

These Building included with Hospital.

- 1. Sub Station & Generator building**
- 2. Ancillary Building**
- 3. LPG Tank Enclosure**
- 4. Pump House & Underground Water Tank**
- 5. Pump House & Underground Irrigation Tank**
- 6. Liquid Oxygen Tank**
- 7. Chiller Pump Room**
- 8. Mosque**
- 9. Guard House**
- 10. External Works**

➤ **Consultant Office: General Directorate of Military Works Construction Department.**

✚ Third Project in KSA: Four (04) Warehouses for Cougher Vehicles King Faisal Naval - Jeddah.

These Building included with Hospital.

Sub Station building.

➤ **Consultant Office: Saudi Consulting Services.**

✚ Job Description.

Knowledge of Systems:-

- 1. Medium Voltage Systems (MV):-**
 - Switching Station
 - Ring Main Unit
 - Transformer
- 2. Low Voltage Systems(LV):-**
 - Switchgear Panel (SWGR & ESWGR)
 - Automatic Transfer Switch (ATS)
 - Panels Boards
 - Power Systems
 - Lighting Systems
- 3. Emergency Power Supply Systems:-**
 - Diesel Engine Generator Set (Synchronizing Panel)
 - Uninterruptible Power Supply (UPS)
 - Emergency Switchgear Panel (SWGR)
 - Batteries
- 4. Low Current Systems:-**
 - Telephone System
 - LAN (Internet & Intranet) System
 - Fire Alarm System
 - IP Public Address System
 - IP Access Control System
 - IP Master Clock System
 - IP CCTV System
 - IP Nurse Call System
 - IP TV System
 - IP Digital Signage System
 - BMS System

General System:-

- Grounding System
- Cable Tray System
- Cable Ladder
- Cable Trunking System
- HVAC System

I have knowledge of these above mention systems according to American and British standards (National Electrical Manufacturers Association NEMA, International Electro technical Commission IEC).

- *Make Shop Drawing, Submittal Materials and execution For Electrical Systems*
- *Quantities calculation for all above mention system.*
- *Load calculation as per circuits load and make panel's board schedule.*
- *Verified cable size as per load calculation.*
- *Fabrication and erection of junction boxes for above all systems.*
- *Fabrication and erection of bed head units with different types.*
- *Installation and fabrication of GI cable tray, cable trunking and HVAC systems.*
- *Make MV/LV cable distribution for external site work and make connection between RMU, Transformers, Low voltage switchgears, ATS and Gensets.*
- *Make shop Drawing and execution for street lighting and water treatment plant.*

All work done according American standard and British standard. I have knowledge all specs of these standards.

- *Make sure the implementation of electrical work as shop drawings and Specifications.*
- *Supervision of the special electrical charge affairs employment , and ensuring The availability of the required number of labor*
- *Distribution of tasks to observers.*
- *The ability to optimal control materials and labor.*
- *The study of the electrical business in terms of the best ways of doing business.*
- *Calculate the required quantities of materials needed to finish the work. And the Ability to create tables of materials and quantities, and ensuring the availability of the quantities on the site.*
- *Coordination with engineers and other disciplines and business know-how to arrange the project.*
- *Delivery business reports completed daily, weekly and monthly.*
- *Create timetables minutes on the status of electrical work at the site.*
- *Carry out the tests and the final delivery of the electrical equipment and systems to the project.*

EDUCATIONAL BACKGROUND:

M. Sc Electrical Engineering: 2010-2013

- *M. sc Electrical Engineering*
Division: 1st
University of Engineering & Technology Lahore

B.E Electrical (Telecommunication): 2005-2009

- *B.E-Telecommunication Engineering*
Division: 1st
Institute of Engineering and Technology (AIOU), Lahore.

DAE Electrical: 2001-2004

- *DAE Electrical Engineering*
Division: 1st
Government Technology College Bahawalpur.

Matriculation: 2000-2001

- *Matriculation: Mathematics, Physics, Chemistry, Biology,*
Division: 1st
Government High School (For Boys) 185/7.R.

SKILLS:

COMPUTER SKILLS:

- *AUTOCAD: 2D*
- *Matlab*
- *Office 2000*
- *98,2000 and XP Windows*

Languages:

- *English*
- *Arabic*
- *Urdu*
- *Punjabi*

INTERNSHIP:

➤ *Quick Linx Wireless, (Dec.2009 to March2010,)*

- I experienced there as an Internee and during my training, I worked in different Network system with an ambition to improve my professional skills. The systems are:*
- 1) *Broad Band*
 - 2) *Wireless Local Lop(WLL)*
 - 3) *Wireless Local Area Network(WLAN)*

Final year Project:

B.E. Home Automation Control through Telnet.

Project consultant:

Dr.Zubair Ahmed Khan

MSc. ANN Based Slide Mode Controller for Sensor-less Speed Control of Induction Motor.

Dr. Syed Abdul Rahman Kashif

HOBBIES:

- *Reading Books and Novels.*
- *Badminton.*
- *Cricket.*
- *Foot Ball.*
- *Books on Engineering.*
- *Net Surfing*

OTHER SKILLS:

- *Capable of learning quickly.*
- *Able to work in a team.*
- *Able to work under pressure.*
- *Good knowledge of MV, LV and Low current Systems.*

PERSONAL DETAILS:

- ***Gender:*** *Male.*
- ***Date Of Birth:*** *01-02-1984*
- ***Religion:*** *Islam.*
- ***Nationality:*** *Pakistani.*
- ***CNIC No.:*** *31103-8219420-3*
- ***Marital Status:*** *Married.*
- ***PEC No.*** *2034*
- ***Passport No.*** *QR4114202*

References:

- *Will be provided on demand*