



# Tayyab Ilyas

## Electrical Engineer / Electrical Site Engineer

A well-grounded electrical engineer with significant experience in facilities and operations management. Professional history includes a variety of technical and administrative responsibilities, ensuring down-to-earth approach in the engineering industry.

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(Visit Visa: 28-February-2021)

### AREA OF EXPERTISE:

#### Electrical Engineering

- Transformer Testing & Commissioning
- Inspection Electrical Components & Equipment
- Power System Installation & Estimation
- Load Schedule & BOQ

- Solar Power System Design
- Power Distribution Systems
- ATS Panel & Switch Gear
- Electrical Maintenance

- Genset Operation
- Power Generation
- Lighting System
- Sales

#### Other Engineering

- Operation MEP
- Plumbing Systems Design
- Fire Protection System Design

#### Computer Skills

- Microsoft Office
- Revit MEP
- AutoCAD Electrical

### PROFESSIONAL EXPERIENCE:

#### **Sales Executive - Al Shaza Star Trading LLC - (March 2020 – January 2021)**

- ✓ Meet customers, introduced products and its services, send out introductory letters and make routine follow up to generate enquiries.
- ✓ Prepared proposals and quotations and assist in the preparation and submission of tenders.
- ✓ Regularly follow up with customers to convert proposals to orders.
- ✓ Processed orders including final costing, supplier orders and coordinate with logistics and the technical team on issues relating to delivery, installation, and project completions.
- ✓ Generated enquiries for quotations, follow through quotations to customers and aggressively chase orders to meet monthly and quarterly order intake / sales targets. Routinely meeting customers to address any issues related to delivery and installation.
- ✓ Ensured customer satisfaction is achieved through timely projects completion, professionalism, and efficiency.
- ✓ Prepared internal weekly reports, forecasting and other routine reports on a timely basis and as requested from time to time by Sales Manager / Divisional Head.
- ✓ Ensured good relations are maintained with customers, suppliers, and all members of staff at all levels.
- ✓ Adherence to the Quality Management System procedures and its performance.

#### **Electrical Engineer - Prime Oil & Ghee Mills - (February 2018 – February 2020)**

##### **Responsibilities: -**

- ✓ Supervision and inspection the installation of generators, solar panels, battery banks, inverters to require by client specification of the electrical systems in industrial and residential facilities.
- ✓ Prepared and design Single line diagrams and LV Panels, MDBs, SMDB's according to the project requirement and specifications related to MEP works with the use of AutoCAD.
- ✓ Coordinate with the Materials Inspector and arrange for sampling and testing of satisfactorily completed work, and quality assurance testing of suspect materials. Identified specific cables, connectors, fuses, circuit breakers, and other electrical equipment required for the installation of monitoring systems.
- ✓ Prepared planning of maintenance standards, schedules, and providing guidance to installation & preventive maintenance crew.
- ✓ Diagnosed & investigated electrical failures in 3Ph induction motor and generator unexpected maintenance problem. Limited installation of capacitor banks uses for power factor correction.
- ✓ Lead a maintenance crew for executing the maintenance of the electrical and low current systems in commercial buildings, industrial buildings, and factories as a part of maintenance projects.
- ✓ Prepared Maintenance Management / Installation schedules and leading the preventive maintenance / Erection crew.
- ✓ Prepared Technical Documentation for operation and technical Reports in MS Office, as like Daily, monthly, yearly work Progress Report, Request for Quotation (RFQ), Current Rating, BOQ, Store Report, and Materials Delivery Status with standard Quality Control procedure.
- ✓ Evaluated electrical tests such as ground fault, ground resistance, Live testing, dead testing, Hi-pot test & Continuity test of cables and preparing initial as well as a final punch list for MEP activities at the site before calling client for final inspection and hand over.

#### **Electrical Engineer Trainee - Pakistan Telecommunication Limited - (June 2017 – August 2017)**

##### **Responsibilities: -**

- ✓ Operation & Maintenance of various Transmission System (SDH, DWDM, OFAN/ MSAN & DSLAM) and Fault Remedy, Analysis, Troubleshooting & Performance Measurements of all Transmission nodes on TNOC by using T2000 NMS of Huawei.
- ✓ Performed in Installation, Configuration and Troubleshooting of DSL Routers, LAN, WLAN, WAN, VPN, Static IP, IPTV, CCTV & computer Networking.
- ✓ Performed in Installation, configuration and troubleshooting of IPTV (Smart TV) worked as a team leader and Supervise all the DSL installation routine jobs and issues.
- ✓ Performed in Installation of DSLAMs (Alcatel, Huawei, and ZTE) Specified on-site network systems installation.
- ✓ Configuration and installation, troubleshooting of the following routers of LAN's, WLAN's, and WAN's.

## **Electrical Engineer Trainee - AB Ampere Private Limited - (June 2016 – August 2016)**

### **Responsibilities: -**

- ✓ Supervision and inspecting the crew of Transformer Manufacturing & erection of switch-gear power and control panels UPS.
- ✓ Supervised in overall site construction and Maintenance work Installation of LV, HV Transformer, Current Transformer, Potential Transformer, RMU's, Switchgears and control cable tray, field lighting, and grounding system.
- ✓ Evaluated finished assemblies for compliance with standard procedures and design requirements.
- ✓ Performed in Transformer Tests insulation, current resistance, short circuit test, impedance test, loss of current, and performance of transformers tests, insulating strength of transformer oil, using electrical testing mechanisms: Attaches transformer wires to terminal board mounting various testing meters and to live wire for energizing transformer. Allocate resources to carry out the designated preventive maintenance work on Transformers and related auxiliaries at the substations and power plant in accordance with the established maintenance cycle.
- ✓ Ensured that all the standard prescribed tests are conducted properly; findings and results are documented; and appropriate action is taken to repair or replace as necessary (includes alarms, silica gel, and control panels of transformers).
- ✓ Ensured prompt response to reported faults and failures of transformers and related auxiliaries, allocating appropriate resources to troubleshoot and pinpoint problems.
- ✓ Participated in preparing the final incident report of major maintenance work detailing the cause of the incident and analysis.
- ✓ Completed electrical responsibility of the overall project and take responsibility to complete the project on schedule to achieve the target for project completion with safety and quality.

### **EDUCATION:**

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

The University of Lahore – Pakistan  
(September 2013 – December 2017)

Authentication: Attested by UAE Ministry of  
Foreign Affairs & International Cooperation

#### ✓ **Diploma of Associate in Electrical Engineering**

Lahore Polytechnic Institute – Pakistan  
(September 2010 – October 2013)

### **TECHNICAL COURSES:**

- **Autodesk Certification \_ Revit MEP**  
(May 2020 – August 2020)
- **AutoCAD \_ Electrical**  
(September 2012 – November 2012)
- **Programming Logic Control – PLC**  
(July 2017 – August 2017)

### **LANGUAGE:**

English: ● ● ● ● ●

Urdu: ● ● ● ● ●

### **PERSONAL SKILLS:**

Effective Communication

Good Listener

Supervisory

Problem Solving

Teamwork

Critical Thinking

Innovation

Time Management

### **INTERESTS:**

- ✓ Expand me knowledge on the different fields of engineering.
- ✓ Earn acertification from Institute of University of Engineering and Technology.
- ✓ Encourage people to engage themselves to fitness & health.
- ✓ Coach and develop kids thru the game of Cricket.