

# **Muhammad Shoaib**

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House No. 269-C, Punjab University Employees Housing Society Town-II, Raiwind Road, Lahore.

#### **Career Objective:**

To join a dynamic and progressive organization offering sample opportunities for diversified experience, and seeking a position which will allow for continued professional growth, offering an environment in which advancement is based on strength of individual contributions to the realization of organizational goals.

#### **Academic Qualification:**

1-B.Sc. Continue (4 Semester Completed) Riphah International University

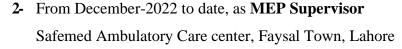
2- DAE-Electrical 2018 P.B.T.E. LAHORE

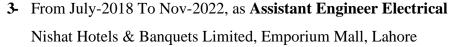
3- MATRIC 2015 B.I.S.E. SAHIWAL

### **Professional Experience:**

1- From Mar-2023 to date, as a Maintenance Supervisor MEP

Pakistan Aviators & Aviation (Pvt) Ltd
PAAL Hangar Allama Iqbal International airport











#### **Technical Skills:**

Routine Operation & Maintenance works on different type of electrical installation/equipment, mentioned below.

- Medium and Low voltage system
- ➤ Different types of DB's, MCC Panels and switchgears
- ➤ Centrifugal Chillers, Absorption Chillers
- ➤ Air Handling Units and Fan Coil Units
- Specialist Lights and its controlling system
- ➤ Electric & Diesel Fire pump
- ➤ Different rating dry type and oil immersed transformers (25KVA to 2000KVA)
- ➤ 1350 KW Solar Installation
- ➤ Master Control System & Energy Monitoring System.
- ➤ Different type of water pumps
- Car Parking Guidance System
- ➤ Car Parking Ventilation System
- ➤ Air Compressors
- > CCTV network
- ➤ Fire Alarm System
- ➤ Public address system
- ➤ Local Area Networking
- ➤ Cold Storages installations
- > Smoke and Fire Fans installation
- ➤ Different rating Air conditions, Floor mounted, wall Mounted and Cassette Type
- ➤ 11 KV MV Panels, PIX & RK Type VCBs (Schneider Electric).
- ➤ 11KV/415V Dry Type Transformers Schneider Electric (630KVA to 2000KVA).
- LV Switchgears ACBs (Schneider Electric), MCC Panels, PDBs, LPDBs, UPSDBs, CBSDBs
- > Performed Megger & Hi Pot Test of all equipment's including Cables, Transformer, MV
- ➤ Use of different instruments, Earth resistance tester, process calibrator, multi-Meter, etc.
- ➤ De-hydration of transformers (1000KVA to 20/26MVA)
- Building Management System
- ➤ Fire Sprinkler System

### **Professional Skills:**

- I have experience on followings:
- Plans the execution of all electrical related works and coordinates the works to mechanical and civil groups.
- > Preparation of Inspection reports, certificates, project progress reports, follow up punch list &
- > Site correspondence with all contractors.
- > Switchgears, LV switchgears, breakers & motors & prepare commissioning reports.
- Coordinates with Consultants & Contractors representatives for any site instructions and inspection of works.
- > Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required.
- Review inspection reports and records of Quality Control carried out on completed and running Project activities.
- ➤ Review/Approval of engineering documents & drawings including Submittals, Tender drawings, Shop drawings, as built Drawings.
- ➤ Material & Installation Inspections MIR & RFWITs supervision & witness of site test &
- Checking the Workmanship and material Quality as per approved make and standard work for the Right quality and standard work
- ➤ Daily & Weekly work Progress Report Preparation and Keep the Record
- Eable size calculation, cable scheduling & its route selection, overhead or underground
- Estimates prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all electrical and related works prior to execution.
- Plans and analyses all possible construction methodologies and recommends the best options to the Project Manager for approval prior to execution at site.
- > Preparation of Project Report for correct and Timely information for the Progress of work
- ➤ Project Final Documentation & Billing Works
- ➤ Prepare BOQs, estimating man-hour, material indenting & Bill verifications of all contractors.
- ➤ Supervised Laying Testing & Termination of underground 11KV LESCO MV Cables
- > Inter department coordination with respect to routine operation & Maintenance.
- ➤ LESCO New Connection & maintenance related coordination.
- ➤ All Safety related procedures and activities with safety equipment

### **Hands-On Experience:**

- Medium voltage switchgear (MV panel)
- ➤ Low voltage switchgear (LV panel)
- > Dry type transformer (DTR)
- Uninterruptible Power Supply (UPS)
- > Ring main unit (RMU)
- > Earthing Network
- ➤ Lightening Arrestor
- Cooling Towers
- ➤ Air Handling Units (AHU)
- Fan Coil Units (FCU)
- ➤ Battery Chargers (24VDC, 110VDC)
- > Fire Pumps
- ➤ Cable Tray & Cable Ladder
- ➤ Bus trunk Duct
- Distribution Boards
- ➤ Different Type of MCC
- ➤ Different Type of Lights

### **Projects Completed (Supervised / Participated):**

- ➤ PAAL Hangar Allama Iqbal International airport
- ➤ Safemed Ambulatory Hospital, Faysal Town Lahore
- LV Switchgear Upgradation at NHPL, Lahore
- Nishat Hyundai Head Office PEB extension, Lahore
- > Cattle Shed MEP Works, Jati Umrah Raiwind Road, Lahore
- ➤ Domestic Solar Projects (2KW to 30KW)
- ➤ Commercial Solar Projects (50KW to 150KW)
- Overhead Low Voltage Line, Jati Umrah Lahore
- ➤ Domestic and Commercial Wiring Installation Projects

## **Computer Skills:**

➤ Computer Languages: MS Office.

➤ Operating System: MS Windows 98, XP, Vista, 7, 8, 8.1, 10

➤ Tools: AUTOCAD, Adobe Photoshop.

### Languages:

- > English
- > Urdu
- > Punjabi

### Reference:

> Will be provided on demand.