

## **Mubashir Safdar Hussain**

**Electrical Operations and Maintenance Engineer**

**Mobile #:** +92-332-8666813

**Email:** [Mubashir763@Gmail.Com](mailto:Mubashir763@Gmail.Com)

**Skype:** Mubashir.Safdar3



To work hard with complete devotion for the better development of the organization, like to take challenging tasks so as to assess my own capabilities and want to provide benefits to my organization. Seeking for position that applies my background and experience in Electrical field with growth-oriented company offering opportunity for advancement and professional development.

### **EDUCATIONAL QUALIFICATION:**

---

#### **Bachelor of Engineering in Electrical Technology (04 Years)**

Government College University Faisalabad - (2015) with 73% (Pakistan)

#### **Diploma of Associate Engineering Electrical (03 Years)**

Punjab Board of Technical Education Lahore – (2011) with 77% (Pakistan)

#### **SSC (Matriculation)**

Board of Intermediate and Secondary Education, Dera Ghazi Khan-(2008), (Pakistan)

#### **AutoCAD**

ApTech Faisalabad (PAKISTAN)

### **MAJOR COURSES**

---

Power systems, Programmable Logic Controllers (PLC), Microcontroller (PIC), Energy Auditing, Protection Systems, Renewable Energy Sources, Engineering Management, Electrical Machines, Power Electronics, Industrial Electronics, Networking Technologies

### **SOFTWARE SKILLS**

---

AutoCAD, Microsoft Office, Windows (working & installation)

### **AREAS OF EXPERTISE**

---

Operations & Maintenance  
Installation & Commissioning  
Strategy Planning/ Project Engineering  
People Management

### **WORK EXPERIENCE:**

---

#### **RMC Construction (PAKISTAN)**

**(JAN 2017-MAR2018)**

#### **Electrical Engineer**

- **Projects**

- **Pakistan Economic Corridor project**

#### **DUTIES AND RESPONSIBILITIES**

implementations and monitoring of all electrical related works at site.

Estimates, prepares and assigns 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 Asst. Project Manager for approval prior to execution at site.

Interprets construction drawings and studies the contract documents and applicable standards or specifications prior to execution of any jobs.

Manages directly and provide engineering and technical supports to all the electrical work groups at site.

Plans the execution of all electrical related works and coordinates the works to mechanical and civil groups.

Coordinates with Client / Consultant's representatives for any site instructions and inspection of works.

Assign targets for accomplishments and ensure targets are met on daily basis for all electrical groups at site. Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required.

Supports the Asst. Project Manager in accomplishing all the goals and targets for the electrical groups. Ensures that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.

Ensures that all site works are done according to all applicable quality standards.

Directly responsible for the safety of all electrical groups' personnel of the project by ensuring that the project execution will be done according to all applicable health, safety, sanitary and environmental standards.

Performs other related duties as may be required by the Asst. Project Manager.

**North West Construction LLC (Azerbaijan)**

**(APR2016-DEC2016)**

**QA/QC Electrical Engineer**

- **Projects**

- **Hard rock cafe**

- **Azerbaijan supermarket bravo Ehmadi**

**DUTIES AND RESPONSIBILITIES**

Direct, supervise and coordinate electrical inspection/engineering QC activities with site supervision team, and acts as MOI representative on the project sites.

Highlights the areas of potential non-conformity, and advises for preventive action.

Review and check submittals, shop drawings, equipment data, material samples and/or manufacturers for compliance with contract drawings and specifications. Coordinate with design team to resolve all construction issues, and quality related conflicts.

Ensure that all requirements of the applicable specifications and drawings are complied with; and report on deficiencies and advise for the required corrections on site.

Establish and maintain robust procedures to develop standard documentation for the projects quality control and assurance; centre and propose any improvements deemed necessary.

Assist the site supervision team, carry out & implement the QA/QC program, attend quality weekly meetings under the area manager.

Implement accident prevention plan. Promote safety goals and the culture of safety on the jobsite.

Coordinate testing and inspection of off-site materials storage and testing.

Inspect all materials for compliance to submittals and drawings.

Monitor the performance of all control activities and tests on electrical systems.

Troubleshoot and resolve problems relating to electrical quality control.

Highlights deficiencies, shortfalls and indicates areas for improvements either within the construction activities or for documenting procedures and evaluate remedial procedures.

Flag all concerns regarding contractor's deviations from the set and approved quality plan; raise necessary NCR's and coordinate with the area/assistant area manager on the NCR's acceptable closing procedure.

**DESCON ENGINEERING (Pakistan)**

**(JULY 2015-MAR2016)**

**Supervisor (QC Department)**

- **Project**

- **Fojo Fertilizer Power Limited**

Inspection of Insulation Resistance Test, Continuity Test and Hi-Pot Test Of 11KV/6.6KV/3.3 Cables.

Inspection and witness for Power, control, RTD cable, continuity test, insulation resistance test.

Inspection of LV/MV/HV MCC, PCC, Switchgear Panel Insulation test & Contact Resistance test for Switchgear's functional test. Inspection of installation and testing of HV/ MV / LV Motors and its Switchgear panels.

Inspection of Winding resistance test, polarization index test, Motor solo run test, recording of vibration, temperature, noise, rotation & RPM and time to time as per specifications.

Preparation of Package for individual motors for solo run test & bump run test. Functional Test of Motor Starter & Remote-Control Units.

Inspection of Installation of Light Fixtures in Hazardous Plant area and Buildings & Illumination (LUX) Test for Lightings.

**Mubarak Flour Mills Rajanpur. (Pakistan)**

**(Apr2015– Jun 2015)**

**Trainee Electrical Engineer**

Maintenance and services for an industrial operation.

**Guddu Thermal Power Plant (GENCO-II) (Pakistan)**

**(Feb 2015 – Apr 2015)**

**Internship as a Trainee Engineer.**

Study of Combined Cycle Power Plant.

Control Monitoring and Maintenance of thermal plant & auxiliaries.

**Am Textile Limited Faisalabad. (Pakistan)**

**(Feb2014– Dec 2014)**

**As a Electrical Engineer (Part Time Job)**

Maintenance of motors.

Follow up site work

Lights installation conduit laying cable laying and termination

Cable tray installation and fabrication

Lights installation and inspection

Supervising engineering and technical staff and responding to breakdowns

Planning and undertaking scheduled maintenance

**CORE COMPETENCIES & ACCOMPLISHMENTS:**

---

- Planning, organizing, directing, coordinating and administering the operation of Electrical Maintenance Section.
- Ensured that records in CMMS are kept up to date. Planned staff development to meet the Group's current and future needs.
- Performed analysis of failures and provides recommendations to eliminate root causes.
- Planning, implementing & monitoring of technological changes to enhance productivity.
- Preparation and participation in risk assessment for critical task.
- Preparation and raising material requisition for preventive and planned maintenance.
- Involved in selection & procurement of field devices like Circuit breakers, Motors, MCC panels, Switchgears, Battery Charging system etc
- Keeping updated HSE records to improve the work practices and prevent damage to Health, Safety and Environment.

**TRAININGS & WORK SHOPS ATTENDED:**

---

**How to Write Engineering Research Paper.**

Government College University Faisalabad.

**Challenges of Engineering Education.**

Government College University Faisalabad.

**Need and Importance of Technical Education in Pakistan.**

Government College University Faisalabad.

## MAJOR ELECTRICAL EQUIPMENTS & SYSTEMS:

---

### Hands on experience

- Substation control system
- Transmission:
  - Transformer
  - Switch Gear & Circuit Breakers, Areva, Schneider, ABB, Siemens (GIS,VACCUM,AIR,OIL)
  - Main Distribution Boards, MCCB (Schneider)
  - Motors and Drives(DOL,VFD's)
  - UPS and Battery chargers
  - Stand By Generator

### Personal Data

<b>Date of Birth</b>	:	February 25, 1992
<b>Marital Status</b>	:	Single
<b>Nationality</b>	:	Pakistani
<b>Passport #</b>	:	HF6908391
<b>E-Mail Address</b>	:	<a href="mailto:Mubashir763@Gmail.com">Mubashir763@Gmail.com</a>
<b>Current Contact No</b>	:	Mob #: +92-332-8666813