

MOHAMMAD USMAN SAMI (Electrical Engineer)

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Passport No: CE5294621 | PEC No: ELECT/81209



Profile Summary

Dynamic Electrical Engineer with strong analytical and leadership skills, adept at optimizing team performance and ensuring seamless operations. Proficient in electrical systems maintenance, fault diagnosis, and regulatory compliance, excelling in high-pressure and technically demanding environments.

Skills & Expertise

- Electrical Systems Maintenance
- Fault Diagnosis & Troubleshooting
- Power Generation & Distribution
- Insulation Resistance Testing
- Preventive & Corrective Maintenance
- Shutdown & Commissioning Procedures
- Safety Standards & HSEQ Compliance
- SAP Software Utilization
- MS Office (Word, Excel)
- Primavera P6
- Problem-Solving & Critical Thinking
- Professional Judgment & Decision-Making
- Team Collaboration & Leadership
- Effective Communication
- Adaptability & Innovation
- Task Prioritization & Time Management
- Attention to Detail
- Workplace Safety Awareness
- Analytical & Logical Reasoning
- Technical Report Writing

Education

Islamia University of Bahawalpur (IUB), Pakistan

B.Sc. Electrical Engineering (Power) | Graduated: 2019

- Final Year Project (FYP):** Industrial Electrical Engineering (Power System)
- CGPA:** 3.41/4.0

Board of Intermediate & Secondary Education (BISE), Sukkur

- F.Sc. (Pre-Engineering) | Year: 2014 | Grade: A1**
- Matriculation (Science) | Year: 2012 | Grade: A1**

Work Experience

Pak Arab Engineering (Pvt) Ltd., OGDCL Qadirpur Gas Processing Plant, Ghotki

Position: Electrical Engineer

Duration: Oct 10, 2024 – Oct 16, 2024 (07 Days)

- Conducting thorough inspections, maintenance, and testing of electrical systems and equipment to guarantee the safe and efficient shutdown of operations.
- Diagnosing and resolving electrical malfunctions in critical systems, including motors, transformers, and circuit breakers, during planned shutdowns.
- Enforcing adherence to safety regulations, including lockout/tagout (LOTO) procedures, to mitigate risks and ensure accident-free maintenance activities.
- Collaborating with cross-functional teams such as mechanical, instrumentation, and operations to synchronize shutdown procedures and optimize system downtime.
- Documenting key activities, including test results, repairs, and system status updates, to ensure plant readiness for restart.
- Ensuring all repair and maintenance actions conform to industry best practices, operational requirements, and safety standards.

Oil & Gas Development Company Ltd. (OGDCL), Dakhni Gas Processing Plant, Attock

Position: Intern

Duration: Aug 2023 – Aug 2024 (01 Year)

- Utilized SAP software to streamline the management and tracking of electrical systems and maintenance activities.
- Conducted Insulation Resistance and Megger testing to assess the integrity of electrical systems and ensure operational safety.
- Completed in-depth training in Hydrogen Sulfide (H₂S) Safety (HSEQ) to enhance safety protocols and mitigate hazardous risks.
- Participated in both preventive and corrective maintenance for electrical equipment, including generators, to ensure continuous system performance.
- Contributed to the installation and commissioning of electrical systems, ensuring optimal functionality and compliance with industry standards.

- Gained practical experience in routine maintenance, troubleshooting, and process optimization to enhance system efficiency and reduce downtime.

Oil & Gas Development Company Ltd. (OGDCL), Nashpa Oil Field, Karak, KPK

Position: Intern

Duration: Jan 2021 – Dec 2021 (01 Year)

- Strictly followed all safety protocols and procedures to ensure a secure working environment.
- Assisted in monitoring the performance and efficiency of gas generators to optimize operational output.
- Supported routine maintenance and fault diagnosis for gas-powered generators, ensuring minimal disruption to operations.
- Contributed to the installation and testing of critical electrical systems related to power generation, ensuring seamless functionality.
- Gained hands-on experience with power generation systems while providing technical support to Senior Engineers in daily operations.

DESCON Engineering Ltd., Engro Fertilizer Ltd., Daharki

Position: Trainee Engineer

Duration: Sep 2022 – Oct 2022 (43 Days)

- Installed and terminated Distribution Boards (DBs) to ensure seamless electrical distribution and system reliability.
- Managed and organized electrical equipment during ATA (Authorization to Access) jobs on-site, ensuring proper handling and availability.
- Ensured compliance with HSEQ and safety standards/regulations throughout tasks to guarantee the safe and effective completion of all work.
- Managed tagging, de-tagging, and inventory control to maintain accurate records and efficient asset management.
- Actively participated in troubleshooting electrical equipment issues, identifying root causes, and implementing corrective measures.
- Conducted detailed inspections and testing of electrical equipment to ensure functionality and adherence to safety standards.

Engro Powergen Qadirpur Ltd. (217MW), Ghotki

Position: Intern

Duration: Aug 2018 – Sept 2018 (01 Month)

- Observed and gained insight into the water treatment process, focusing on clarification techniques for efficient water purification.
- Acquired practical knowledge of plant electrical power generation, including gas and steam turbine operations within a combined cycle framework.
- Gained expertise in combined cycle power generation, specifically in the operation and maintenance of gas and steam turbines.
- Participated in plant shutdown activities, acquiring hands-on experience in rectifying, dismantling, and reassembling machinery and equipment components.
- Collaborated with senior team members, gaining valuable insights into teamwork, job planning, task execution, and project completion while adhering to HSEQ standards.

Certifications

- Primavera P6
- English Proficiency Certificate
- HSE Confined Space Safety

Hobbies & Interests

- Cricket, Badminton