

SAAD ABDUL WAHEED



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Jeddah, Mecca Region

Nationality

Pakistani

Visa Status

Transferable

EDUCATION

MS, Electric Power & Energy Engineering

University of Management and Technology, Lahore.

September 2016 - June 2018

Studied in major courses:

- Powersystemplanning
- Photovoltaicenergysystem
- Electro chemical energy

BS, Electric Power & Energy

University of Management and Technology, Lahore.

September 2012 - June 2016

Studied in major as below:

- Alternate Energy Resources
- Hydro Power Generation
- Powersystemprotection
- High voltages engineering

PROFESSIONAL SUMMARY

Proficient Site Electrical Engineer with extensive experience in managing electrical installations and ensuring compliance with technical specifications and safety standards across residential & commercial projects. Demonstrated ability to conduct thorough inspections, maintenance, and testing of electrical systems, ensuring optimal performance and adherence to industry standards. Committed to delivering high-quality results on time and within budget.

WORK HISTORY

August 2019 - April 2023

AL AFZEL FSB contracting company- Site Electrical engineer

- Supervised electrical installations for residential and commercial buildings, ensuring adherence to design specifications, safety standards, and regulatory compliance.
- Reviewed technical drawings, including electrical schematics, cable routing layouts, and panel board configurations, ensuring installations adhered to approved designs and addressing discrepancies promptly to maintain project integrity.
- Prepared, analyzed, and verified Bills of Quantities (BOQs) for electrical components, including MV/LV cables, cable trays, grounding systems, and instrumentation, ensuring accuracy and alignment with project requirements and budgets.
- Managed procurement activities for electrical systems and materials, including sourcing MV/LV cables, control panels, and equipment, evaluating vendor proposals, and coordinating delivery schedules to prevent delays.
- Conducted routine maintenance checks and inspections of installed systems, including cable trays, power distribution panels, grounding systems, and instrumentation, promptly reporting issues and coordinating corrective measures.
- Inspected and tested electrical installations such as power distribution, lighting systems, cable terminations, and earthing systems to verify compliance with technical specifications and national standards.
- Monitored and supervised the installation of electrical components, including MV/LV cables, control and communication cables, cable trays, and grounding systems, ensuring proper execution and compliance with design standards.
- Supervised cable laying and termination activities, including control, power, and communication cables, maintaining alignment with termination schedules and ensuring proper connections to equipment and instruments.
- Coordinated with design, procurement, and construction teams to align project milestones, address technical challenges, and ensure efficient execution of electrical works.
- Prepared and submitted daily progress reports, material requisitions, and site logs, documenting installation progress, equipment usage, and any site issues for stakeholder review.
- Supported testing and commissioning of electrical systems, including MV/LV systems, grounding installations, and instrumentation, verifying system functionality and resolving deficiencies before handover

COURSES

- Plc (programming logic control) (Electrical Engineering solutions international pvt.ltd), Lahore
- Plc hardware (LOGO,S7-200,S7-300,S7-400)
- Testing, communication troubleshooting of plc
- HMI (human interference)
- HMI designing (TP-177B PN/DP)
- Instrumentation control and process course. (Pakistan institute technical associated)
- Auto cad electrical course (PITAC, Lahore)

LANGUAGES

English

Advanced

Arabic

Intermediate

Urdu

Fluent

HOBBIES

- Cricket
- Snooker
- E-marketing

December 2018 - June 2019

Al Sharqawi Electromechanical - Site Electrical engineer

- Prepared and managed comprehensive project documentation, including work logs, inspection reports, and project records, ensuring accuracy and timely updates.
- Compiled daily work output reports, controlled documentation flow, and prepared detailed quotations for electrical equipment and materials as required.
- Developed and maintained cable termination lists, cable laying schedules, and material requirement plans, ensuring alignment with project timelines and specifications.
- Monitored the installation of cable trays, power cables, control cables, and communication cables in compliance with cable schedules, design drawings, and safety standards.
- Supervised the laying, jointing, and termination of Medium Voltage (MV), Low Voltage (LV), control, and communication cables, ensuring proper routing and secure connections.
- Oversaw the termination of control and power cables, as well as the installation of instruments, verifying conformity to technical drawings and industry standards.
- Directed the installation of earthing systems above ground level, ensuring proper grounding and bonding for electrical safety and system integrity.
- Inspected electrical equipment installations, including switchgear, panels, transformers, and grounding systems, ensuring proper functionality and adherence to design requirements.
- Coordinated with contractors, subcontractors, and team members to resolve technical issues, improve work progress, and maintain project quality standards.
- Ensured compliance with safety protocols and electrical codes during all installation and testing phases, mitigating risks and promoting a safe work environment.

December 2016 - November 2018

Ehsan Pvt Ltd - Junior site engineer

- Collaborated with senior engineers in planning and designing electrical layouts for industrial and commercial projects, including load distribution, wiring schematics, panel board configurations, and power systems.
- Conducted site inspections to monitor ongoing work, ensuring strict adherence to national electrical standards, codes, and safety protocols.
- Assisted in reviewing technical drawings and specifications to verify alignment with project requirements and design intent, making recommendations for adjustments as needed.
- Maintained and organized project documentation, including material requests, work approvals, inspection reports, and testing schedules, ensuring seamless coordination and traceability.
- Supported the preparation of tender documents by gathering technical data, contributing to cost estimates, and performing quantity take-offs for electrical systems and components.
- Coordinated with suppliers and procurement teams to track the availability and delivery of electrical materials, resolving any delays or discrepancies.
- Participated in testing and commissioning activities for electrical systems, ensuring all components were installed and functioning according to design parameters and safety standards.

SKILLS

- Solar PV system design and installation
- UPS installation, configuration, and troubleshooting
- Hybrid solar PV-UPS integration
- Time Management
- Working on Matlab
- Siemens simatic manager, win cc flexible and win cc Explorer (plc software's)
- Auto CAD
- Primavera P6
- MS Office