

AZAM AMEER ELTAHIR HAMDALLA

Al Madinah, Saudi Arabia
+966505926148 | azameltahir1@gmail.com

Objective

Dynamic electrical engineer with 5 years hands-on experience in site engineering and production maintenance. Proficient in electrical drawings and managing production machines using SCADA systems. Demonstrated expertise in equipment maintenance, programming PLC units, and enhancing operational efficiency through timely maintenance practices. Successfully delivered reports on work progress and assisted in quality control measures, ensuring adherence to production standards. Ready to leverage unique technical skills and contribute to innovative electrical solutions in the engineering field.

Experience

- **Tawafiq East Contracting** 14/03/2025 - 14/07/2025
Site engineer
 - Completed a comprehensive 4-month as a site engineer within the developmental housing initiative on King Abdulaziz Road in Al Madinah, executed in partnership with the National Housing Company.
 - Engaged in technical office tasks.
 - Oversaw contracting processes, including sourcing materials and negotiating pricing with suppliers and vendor companies.
 - Acquired hands-on experience in preparing Requests for Information (RFI) and Material Inspection Requests (MIR).
 - Demonstrated proficiency in reviewing electrical drawings.
 - Managed work pace in accordance with project timelines and defined scopes.
 - Follow up with all on-site works electrical, mechanical, construction and finishing.
 - Delivered regular reports on work progress and identified any delays.
- **AMIPHARMA laboratories Co.Ltd.** 10/2021 - 04/2023
Junior engineer
 - Maintained machinery through regular inspections and timely maintenance.
 - Collaborated with cross-functional departments to enhance joint maintenance activities.
 - Controlled production machines using the SCADA system for efficient operations.
 - Reset, programmed, and maintained Programmable Logic Controller (PLC) units.
 - Executed programming and installation of Variable Frequency Drives (VFDs).
 - Supervised new trainees, providing guidance through the processes of production and maintenance within the department.
 - Oversaw equipment storage areas, ensuring thorough documentation of all parts in use or stored according to Standard Operating Procedures (SOPs).
 - Conducted product quality tests to ensure alignment with established production standards.
 - Assisted in documentation processes relating to products and operational procedures.
- **AMIPHARMA laboratories co.ltd** 07/2021 - 10/2021
Trainee engineer
 - Completed 3 months training in the facility, learning about the different types of medical drugs and how they are made. With a prime focus on machines maintenance and operating.

- **Self-employed**
Installation technician
Electrical installation and maintenance for residential buildings.
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Skills

- Electrical engineering
 - AutoCAD
 - DiaLux Evo
 - PLC
 - Microsoft office
 - Problem solving
 - Communication
 - Team building
 - Adaptability
 - Leadership
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Courses

- **Distribution Diploma**
Completed a 40 hours online course for electrical engineers. The course covered a variety of topics such as distribution, low current systems, basics of mechanical and plumbing systems for buildings and facilities.
 - **Fire Alarm systems and design**
Completed 10 hours course on fire alarm systems, function and design.
 - **Energy production, Distribution and Safety**
Completed 6 weeks of learning on the foundations of energy how it is generated, transmitted and how is it used by consumers. Adding to that learning more about the energy enterprise such as oil and gas, electrical generation, fossil fuels, nuclear energy and renewable energy. And the most important safety aspects in the industry since it is a very dangerous field and needs to be handled with care and precision.
 - **IT support fundamentals by Google Inc.**
Completed 20 days learning and training on IT support fundamentals provided by Google Inc.
Learning all computer system components hardware and software, how to handle all kinds of errors, how to properly assemble a functional computer system. The course was stacked with valuable information regarding the history of computers and how far the industry has come from vacuum tubes to super computers.
 - **HVAC system design**
Completed 29 hours of learning the basics of HVAC systems, HVAC system design process and the tools used to achieve the required demand such Duct sizer, HAP, and so on. Adding to that learning the selection methods of all system components from the ASHRAE standard.
This course was completed with 85% on the final examination with B+.
 - **AutoCad Electric**
Completed 25 hours of learning on AutoCAD electric from the basic circuit drawings to whole building electrical plan. And finished with 80% degree on the final project with grade B.
 - **Electrical installation design for buildings and facilities**
Completed 30 hours of learning electrical installations design for different types of buildings and facilities, from basic housing buildings to hospitals and more sophisticated systems. Applying the tools of load calculation for every component in the electrical system and the proper selection criteria of the equipment.
Finished the course with grade B on the final exam.
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Education

- **Sudan University of Science and Technology** 2020
BSC Electrical engineering
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Languages

- Arabic - Native
- English - Professional
- Urdu - Basic

- Japanese - Basic
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Additional Information

- Transferable Iqama
- Driver license