



# Hamza M. Al-Shanawani

## Senior Electrical Engineer

With 10 years of valuable field experience in Electrical Power Engineering, I specialize in analyzing complex engineering problems, providing effective solutions, while designing and maintaining electrical systems to meet project requirements. I am seeking a challenging role in the electrical and power engineering field where I can apply my skills and contribute to large scale projects and developments.

---

**Contact Information** [hamzashanawani@yahoo.com](mailto:hamzashanawani@yahoo.com) // +966 5632 04356

**Education** **Bachelors Degree in Electrical Power Engineering** 2010-2015  
**Al-Balqa'a Applied University; Jordan - Faculty of Engineering Technology**

**Languages** **Arabic - native speaker**  
**English - advanced level in reading, writing, and speaking**

**Work Experience** **Sr. Electrical Engineer // Saudi Arabian Baytur** Feb 2023 – Present  
**MASAR Makkah Project A & B (7 Hotel Towers + 2 Malls) – Umm Al Qura**

- Reviewing material submittals to verify compliance with project specifications before proceeding with approval submissions
  - Contacting vendors & suppliers to obtain quotations; negotiating terms as well as prices, selecting suppliers based on cost, quality and prequalification, inclusive of lead & delivery times
  - Actively participating in project meetings, both internally and with clients, to communicate progress, issues, and solutions related to electrical engineering
  - Preparing necessary calculations to ensure selected electrical equipments meet project requirements
  - Supervise and monitor site engineers, provide technical support and guide as required
  - Developing procurement strategies and plans for electrical materials, equipments, and services required for projects
  - Reviewing project specifications and requirements to determine the exact electrical materials and equipment needed
  - Ensure that prices of goods are matching with the project budget and highlighting cost-saving opportunities
  - Maintaining procurement records, preparing reports on procurement activities
  - Administering contracts with suppliers, including reviewing terms and conditions, handling disputes, and ensuring compliance with contractual obligations
-

**Work Experience Cont. Sr. Electrical Engineer // Elegancia MEP – UCC Oct 2021 – Dec 2022  
Lusail Palace Project Qatar – POV**

- Supervising system and site engineers including electrical manpower activities. The job coverage included direct coordination & communication with the consultant for engineering related documents approval and technical analysis of the project electrical and ELV system
- Reviewed and checked technical vendor submittals for installation requirements
- Reviewed and checked all assigned project electrical shop drawings for compliance with project specifications
- Managed and controlled delivery of all contract elements and objectives including scope, quality, budgets, schedules, stakeholder interfaces, communication, reporting, and health & safety
- Coordinated material deliveries to ensure smooth flow of work

**Project Engineer // EFECO LLC / UAE Feb 2017 – Sep 2021  
Zayed National Museum – Department of Culture & Tourism**

- Ensures that all the works done are in accordance with the approved construction drawings, material submittal, BIM Modulation, method of statement and project specifications
- Controlling electrical manpower and assign them as per work priority
- Plans the execution of all electrical related works and coordinates the works to mechanical & civil groups
- Assign targets for accomplishments and ensure these are met on a daily basis for all electrical groups at site
- Take off quantity for the Electrical Systems
- Verify the accuracy of shop drawings and their compliance to the specification
- Ensures that every electrical device or circuit installed meets the National Electric Code; DEWA
- Regulations and the project specification
- Testing electrical systems after installation to ensure that the system safety, stability, and functionality
- Supervise electrical engineers and foremen, providing necessary technical feedback and functional support as needed
- Collaborate with architects, civil team, and other groups to ensure the functionality of electrical system design within overall project plans
- Requesting project materials as required for the site
- Preparing load schedules and the cable tray calculations
- Applying safety regulations for the entire electrical group of the project

**Work Experience** Cont. **Systems Engineer // Future Link for Technology** May 2015 – Nov 2016

**Jordan & Saudi Arabia**

- Designing optimal solutions for commissioning of various building management systems
- Preparation of input/output list and equipment list
- Selection of DDC controller and field devices (Sensors)
- Preparing material submittal, shop drawings and prequalification
- Selection of valves and actuators
- Preparation of schematic flow drawing, DDC panels wiring and single line diagram
- Meetings with client and consultant to discuss their requirements
- Estimation and design TRENDS by Honeywell & Schneider Building Management System
- Select projects taken on during time at position:
  - Land Mark Project BMS design with testing & commissioning (Schneider)
  - Malathek Towers BMS design (Trend)
  - Saudi Post BMS design (Schneider)

**Electrical Engineer // AL-AWN Engineering** Dec 2014 - Apr 2015

**Salt, Jordan**

*Position taken on during final year of university studies*

- Building and servicing factories, including electrical control panel
- In charge of electrical technicians for electrical works and installation
- Prepare product reports by collecting, analyzing, and summarizing information and trends
- Identifying client requirements to design systems and products
- Finding ideal solutions by providing cost and time estimations
- Troubleshooting and conducting required various system tests
- Operating, adjusting and maintenance of refrigeration system
- Responsible of the water purification system for cooling tower

**Training Courses**

KNX Home Automation (KNX Certified)  
Low Current function & application course  
TRENDS Fundamental IQ3 and IQ4 Controllers (BMS)  
Schneider (ELV) Online Training Course  
Siemens BMS course  
Electrical devices installation course  
Power transmission and distribution station

**Skills** **Considering my continuous working time in the construction field with specializing as an electrical engineer I am confident that I bring the following skills and software knowledge to any future workplace**

- Heavy hands on use of AutoCAD (2D) & Naviswork – Revit - BIM
- On site experience in electrical installation systems
- Strong operational knowledge of electrical load calculations and maintenance of various electrical systems
- Practical knowledge in control panel design for different systems
- Strong working knowledge of Heat Ventilation Air Conditioning systems
- Advanced knowledge and experience in low current systems
- Excellent customer and communication skills
- Good knowledge in handling and programming various building management systems with different applications
- Capable working under pressure with teams by giving attention to detail and providing creative solutions

**Personal** **Nationality:** Jordanian

**Date of Birth:** August 15th 1992

**Marital Status:** Married

**Current Place of Residence:** Makkah, Saudi Arabia

**KSA Iqama:** Valid

**Driver's License:** Available

**References** **Will be provided upon request**