

Ayman M. Al-Faramawy

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Project Manager / Sr. Electrical Engineer

Senior Electrical Engineer • Lead Electrical Engineer • Director, Electrical Engineering • Consultant
Research & Development • Project Manager • Design & Testing • Energy Conversion
Created Contract-Winning Designs • Increased Productivity • Reduced Costs • Strong Team Leader

WORK EXPERIENCE

Ministry of Justice, Kuwait, KW
Inspection Electrical Engineer

Mar 2011 - present

Job Description

- Designed and implemented automated test sets for the MMS system processor, power supply
- Established, implemented, and maintained production test equipment to a baseline and defined test methods to meet functional specifications and assure product integrity.
- Troubleshoot test stations to the component level to resolve production test issues.
- Optimized test performance via data collection and statistical analysis.
- Developed Test Requirement Documents (TRD), Automated Test Procedures (ATP), Assembly Drawings, Assembly Procedures, etc.
- Member of technical committee in the ministry to do the following :
 - 1- Study the practice documents ,tenders and procurement processes presented to it for engineering works and deciding on them and taking the necessary recommendations
 - 2- Expressing the engineering and technical opinion during the receipt new projects
 - 3- Study tenders from an engineering and technical point of view of preparing them and before offering them and expressing the engineering and technical opinion in the technical specifications of all works and electrical ,electronic and civil systems required to work in them to ensure their engineering and technical conformity to the required works
 - 4- Examine the samples supplied by the bidders and select the corresponding items according to the required technical specifications and ensure their conformity with the approved samples and their conformity to the principles of industry and profession
 - 5- Give the engineering and technical opinion on the technical specifications of the tenders being studied and prepared before going out and before addressing the competent authorities outside the ministry

Al Qussie Int. Jeddah, KSA

2002 – 2009

Project Manager at Jeddah, Abha Hospitals

- Managed projects, timelines, costs, specifications and documentation
- Recognized in the auto-darkening industry as a substantial leader in innovative designs and features substantiated by 20 patents conceived during product development

- Designed displays and circuits for low power, battery operated units
- Able to bring new products through conception, schematic, analysis, prototype, test and product release
- Produced code for Free scale micro controller used in Auto-Darkening units

Afras for Trading and Contracting. Riyadh, KSA

Project Manager at second industrial city in Riyadh

sep 2000- mar 2002

Senior electrical engineer/operation manager responsible for designing, monitoring & controlling entire electrical construction activities including preparing manpower schedule, Coordinating material inspections, installation of equipment, ensure project progress

As per agreed schedule, coordination & witness for testing and

Commissioning, coordinating with Consultant/Client/Other stakeholder, preparing progress reports, preparing Receiving-Cum-Damage-Reports (RCDRs)

AlGhazal for Engineering Consultants. Damam, KSA

Sept 1999 - Jul 2000

Senior Electrical Engineer

- Design and build electrical equipment for various sectors, such as transportation networks or construction services.
- Designing electrical systems, conducting tests, and handling maintenance.
- Developed programming and installation design.

United Company. Cairo, Egypt

Aug 1993 - Aug 1999

Electrical Engineer

- Prepared project submittal documents, including critical bill of materials (CBOM), proposed sequence of operation, system interconnection drawings, system outline drawings, and sample test procedure/forms.
- Prepared project design and assembly drawings, including interconnection design drawings, schematic design (detail) design drawings, and manufacturing or assembly drawings.

EDUCATION

Bachelor degree in Electrical Engineering, Menofia University, Egypt

1993

TECHNOLOGIES, KEYWORDS



- Autodesk
- AutoCAD Electrical 2012
- Mathcad 2000
- Microsoft Office Professional
- Fast CAD
- DraftSight
- PLC Ladder Logic Programming
- MS Project
- Electrical Control design
- Site Management
- Procurement
- Site Supervision
- Engineering review

- Project Coordination
- Site Mobilization & demobilization
- Complete Equipment Installation Supervision
- LV, MV Experience
- MEP Experience
- Document Deliverables, ITPS,
- QA/QC, HSEQ & Audits
- Testing and commissioning
- Power System Study