



# Mohamed Khairy M. Hussein

Senior Electrical Engineer



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📍 Kuwait City, State of Kuwait

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🌐 [www.mohamed-khairy.com](http://www.mohamed-khairy.com)

## Summary:

With 26 years of solid professional experience in the engineering field through construction, construction supervision, operation & maintenance and project management for many O&G Projects, marine projects, security headquarters, educational facilities, museums, residential buildings, hotels, hospitals, high rise buildings and industrial facilities. With Extensive experience for dealing with professional crews, clients, consultants and contractors.

## Objectives:

Currently, I am looking forward to obtain a challenging position in a high quality engineering environment to utilize my resourceful experience, innovative ideas, creativity, leadership qualities and technical skills to add value to the organizational operations and the upliftment of the company and personal growth.

## References:

- Mr. Ronnie John Deeb

Resident Engineer - Dar Al Handasah

+965 94424913

- Mr. Tarek E Shiekh

Country Manager - Kharafi National

+44 7910258058

## Education

Faculty of Engineering and Technology - Helwan University, Cairo, EGYPT

## Qualification

B.Sc. Electrical Power Engineering  
May 1993 - Very Good Degree - 3<sup>rd</sup> Rank  
Graduation Project Degree (Excellent)

## Professional Authorities Memberships

Egyptian Engineers Syndicate (EES)	#29/8633	12/09/1993
Kuwait Society of Engineers (KSE)	#19962	02/07/2007
Institute of Elec., & Electronic Eng., (IEEE)	#90515221	14/11/2008
Saudi Council of Engineers (SCE)	#123470	09/04/2013

## Computer Literacy

Good command of Professional Programs such as AutoCAD, ETAP and Dialux.  
Good Command of Office Programs such as Word, Excel, Power Point and Publisher.

## Personal Skills

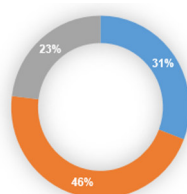
- Comprehensive knowledge of electrical engineering.
- Familiar with regulatory standard and procedures of electrical industry.
- Ability to monitor, supervise, coordinate and manage a huge staff.
- Attention to detail with excellent communication and management skills.
- Possess sound organizational and analytical skills.
- Ability to solve problems and have critical thinking skills.
- Ability to convert the non-measurable issues into measurable ones.

## Languages

Native in Arabic (Mother Tongue), excellent command of English (written and spoken) and Fair command in French & German.

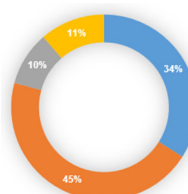
## Career Statistics

Career Fields



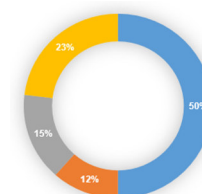
Construction  
Construction Supervision  
Operation & Maintenance

Career Locations



Kuwait City, Kuwait  
Cairo, Egypt  
Riyadh, KSA  
Doha, Qatar

Career Projects Type



C&I  
Governmental  
Administrative  
Medical

### **Job Description for Construction Supervision**

**(1)** Conduct supervision responsibilities in adherence to guidelines. **(2)** Ensure that supervision guidelines are being adhered to by site electrical engineers at all times. **(3)** Assist the Resident Engineer in the selection and approval of sub-contractors for electrical systems in coordination with the owner's/client's representative. **(4)** Review all shop/ composite drawings, material and samples submitted by the contractors to ensure compliance with technical specifications and authorities requirements. **(5)** Assist in resolving any issues raised by contractors (e.g. requirements for time extensions, change order requests, variations etc); inform the Resident Engineer of any discrepancies identified against contract documents and make recommendations to the Resident Engineer as appropriate. **(6)** Study the contractor's CCS schedule thoroughly (e.g. shop drawing submittal log, procurement schedule, and material submittal log etc.) prior to its approval by the Resident Engineer. **(7)** Inspect all procured electrical components and materials and ensure that material on site are being adequately stored and protected prior to their installation. **(8)** Check all sample electrical components and materials submitted by contractors; ensure compliance against ministerial requirements and technical specifications. **(9)** Supervise the installations of electrical systems on a daily/regular basis to ensure quality control and compliance with contract documents and approved material and shop drawings. **(10)** Ensure that non compliance to the CCS is communicated to the Resident Engineer on a timely basis in order to avoid any delays in construction. **(11)** Remain abreast on changes in local authorities requirements regarding electric systems; ensure that any changes are updated in the specifications of electrical components/ materials etc., **(12)** Contribute to managing the health and safety of all on-site personnel; report any observed safety violations to the Resident Engineer and/or Safety Inspector. **(13)** Attend meetings (e.g. progress meetings, coordination and specially called meetings etc.) as and when required. **(14)** Assist Sr. Quantity Surveyors in preparing progress reports and in verifying costs related to electrical system installations in order to finalize monthly payment certificates. **(15)** Lead snagging procedure to check electrical systems after substantial completion of construction activities have ended; ensure that a snag list is prepared based on outstanding works and submit to the Resident Engineer for approval . **(16)** Review all as-built drawings provided by contractors prior to their submittal to local ministries for approval . **(17)** Review all operation, instruction and maintenance manuals provided by contractors prior to handing over the development to the owner/client.

### **Job Description for Operation and Maintenance**

**(1)** Supervise the execution of maintenance plans concerning periodic, preventive and corrective activities. **(2)** Provide the spare parts and tools to execute the corrective and preventive maintenance and the safety equipment as well. **(3)** Responsible to perform routine maintenance inspections of equipment to identify and respond to problems in a timely manner, thus preventing breakdowns. **(4)** Participate in assessing contractors work through conducting inspections on heating, ventilation and air-conditioning units and comparing them to approved designs, as well as ensure their installation according to set specifications. **(5)** Ensure required air quality is available for continuous production. **(6)** Participate in assessing contractors work and assuring compliance to plans and specifications. **(7)** Ensure required air quality is available for continuous production. **(8)** Participate in assessing contractors work and assuring compliance to plans and specifications. **(9)** Continuous review of spare parts availability and update spare parts list of new equipment's. **(10)** Perform regular corrective and preventive maintenance on Electrical equipment.

### **Job Description for Construction**

**(1)** Report on project progress to the Project Manager (PM). **(2)** Responsible for project issues during construction. **(3)** Overall responsibility for construction safety . **(4)** Manage the day-to-day operations at the Project Site during construction. **(5)** Responsible for the construction program, including the coordination of the contractual activities. **(6)** Prepare construction contractor performance evaluations. **(7)** Manage the construction projects. **(8)** Plan staffing, budget and assist the contracting officer's representative. **(9)** Perform reviews of design drawings and specifications and assist with value-engineering analyses. **(10)** Ensure conformity with contract requirements and project completion on time and within budget. **(11)** Implement a system for managing and controlling changes in construction costs, schedules and scopes of work. **(12)** Implement a contract actions checklist. **(13)** Monitor construction contractor quality control and on-site safety and security programs. **(14)** Manage consultant contracts as necessary to provide expert support to the projects for commissioning, scheduling and claims. **(15)** Prepare construction contractor performance evaluations. **(16)** Evaluate contractor's proposed submittal substitutions. **(17)** Prepare Statements of Work. **(18)** Review and evaluate design calculations and data provided by the contractor . **(19)** Ensure that the project contractors maintain as-built documentation. **(20)** Ensure that materials for which payment has been requested are properly accounted for, in acceptable condition, and stored correctly . **(21)** Develop working knowledge of all technical requirements of project. **(22)** Prepare Progress Reports summarizing project status, with emphasis on engineering. **(23)** Resolve potential issues at the project site that may include the contractor, sub-contractors and/or Post management.

## Experiences

### **JUN 2016 - Present**

Dar SSH International  
Consultants, Kuwait  
Senior Electrical Engineer

Construction Supervision of Kuwait University  
Academic Support Facilities - KUCP  
(NOV 017 - Present)

KWD 140 Million

Construction Supervision of KOC Northern and  
Southern Small Boats Harbors - KOC  
(JUN 2016 - NOV 2017)

KWD 137 Million

### **MAR 2013 - APR 2016**

Saudi Bin Laden Group  
SBG-ABCD, Riyadh, KSA  
MEP Department Manager

Construction of King Abdullah Project for  
Developing the Security Headquarters  
(Southern Borders) - Ministry of Interior  
SAR 12 Billion

### **FEB 2012 - FEB 2013**

Hassan Allam Construction  
Cairo, Egypt  
Electrical Construction  
Manager

Construction of Uptown Cairo Compound  
(Villages G, I and K), Mokkatam, Cairo  
Eaamar Properties, UAE  
EGP 400 Million

### **JUN 2009 - JAN 2012**

Dar Al Handasah  
Doha, Qatar  
Senior Electrical Engineer

Construction Supervision of Doha High Rise  
Office Building (44 Stories)  
H.H. Sheikh Saud Bin Mohamed Al Thani Est.,  
QAR 1.2 Billion

### **NOV 2008 - FEB 2009**

SMEC International PTY Ltd.,  
Kuwait City, Kuwait  
Electrical Engineering  
Manager

Project Management of New Kuwait University.  
Kuwait University Construction Program (KUCP)

### **OCT 2001 - OCT 2008**

Kharafi National  
Kuwait City, Kuwait  
Senior Project Engineer

Operation and Maintenance of Bayan Palace.  
(OCT 2001 - JUN 2006)  
Construction of Al Hamra Complex Car Park.  
(JUN 2006 - OCT 2006)  
Construction of Abdul Aziz Al Babbain Tower.  
(OCT 2006—JAN 2008)  
Construction of New Amiri Terminal, Kuwait  
International Airport.

### **FEB 1994 - APR 2001**

Delta Star Electromechanical  
Cairo, Egypt  
MEP Project Engineer

Construction of Mr. & Mrs. Mohamed Mahmoud  
Khalil Museum, Dokki, Cairo  
(FEB 1994 - DEC 1994)  
Construction of Habitat Furniture and Foam  
Factory, Obour City, Cairo.  
(DEC 1994 - SEP 1996)  
Construction of Dar Al Fouad International  
Hospital, 6<sup>th</sup> October City, Cairo.  
(SEP 1996 - JAN 2000)  
Operation and Maintenance of Dar A Fouad  
International Hospital.  
(JAN 2000 - OCT 2001)

### Electrical Systems

- Main low tension switchboards.
- Sub-main switchboards.
- Distribution boards.
- Lighting and power panel boards.
- Intelligent lighting control and dimming systems.
- Power factor correction equipment.
- Uninterruptable power supply (UPS) systems.
- Standby diesel generator sets.
- Synchronization panels.
- Automatic transfer switches (ATS's).
- Central Battery System.
- Motor control centers (MCC's).
- Elevators and oscillators systems.
- Electrical power automation systems.
- Lighting systems.
- Tower façade lighting systems.
- Earthing systems.
- Lightning protection systems.

### Low Current and Special Systems

- Fire alarm systems.
- Gas detection systems.
- Structural cabling and fibre optic networks.
- Communications and intercom systems.
- Public address, music and interpretation systems.
- Audio visual systems.
- Environmental monitoring systems.
- IP Satellite TV systems.
- Building and facility management systems.
- Access control, gate barriers, road blockers and turnstiles systems.
- CCTV surveillance systems.
- Cathodic protection systems.
- Intrusion alarm systems.
- Hospitals nurse call and bed head unit systems.
- Fuel management systems.
- Fuel/water leak detection system.
- Motorized windows roller shades control system.
- Car parking systems.
- Master clock systems.

## Previous Approvals

### December 2017

Approval from Kuwait University for construction supervision of Academic Support Facilities - Package 1 in Shadadiyea - Kuwait as Senior Electrical Engineer.

### February 2016

Approval from Kuwait Oil Company (KOC) for construction supervision of Northern and Southern Small Boats Harbors in Ahmadi - Kuwait as Electrical Engineering Manager.

### October 2008

Approval from Kuwait University for the project management of New Kuwait University in Shadadiyea- Kuwait City - Kuwait as Electrical Engineering Manager.

### May 2008

Approval from Ministry of Public Works of Kuwait (MPW) for the construction of New Amiri Terminal Project in Kuwait International Airport - Kuwait City - Kuwait as Senior Electrical Project Engineer.

### November 2006

Approval from Al Mada Project Management Co., in association with KEO International Consultants for the construction of Abdul Aziz Al babtain Cultural Waqf Tower - Sharq - Kuwait City - Kuwait as Senior Electrical Project Engineer.

### May 2006

Approval from Al Ahmadiyah Contracting & Trading Co., for the construction of Al-Hamra & Firdous Mixed Use Complex - Sharq - Kuwait City - Kuwait as Electrical Engineer.