

Mahmoud Ahmed Hassanin PMI (PMO-CP)

Construction Manager – Electrical

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📞 +966555628367 | 📧 Mahmoud-a-hassanin-45289985 | Driving License: Egypt and Saudi Arabia | 40 Years Old | Married (with Childs)

CCC Badge Number: Egypt > 5442. | Saudi Arabia > 93250.



Career Summary

As an Electrical Construction Manager, I have extensive experience managing complex electrical systems at buildings/infrastructure projects (Mega Projects - Construction / Oil & Gas). My expertise spans overseeing and managing all aspects of electrical construction, from planning to completion. I have a proven track record of ensuring projects are delivered on time, within budget, and in compliance with quality standard, safety regulations and project specifications. This role involves managing electrical construction teams, coordinating with clients and stakeholders.

I am passionate about professional development and continuously seek opportunities to enhance my technical knowledge and leadership capabilities. Known for my problem-solving skills and ability to manage teams effectively,

I have successfully led large-scale projects in various sectors, ensuring high-quality execution and attention to detail. Eager to leverage my skills and experience, I am looking for challenging projects that demand technical expertise and a commitment to delivering exceptional results.

Skills

Technical Skills:

- Understanding of electrical circuits, wiring, and electrical Systems.
- Have knowledge of construction techniques, materials, and equipment.
- Familiar with Electrical codes and standards.
- Familiar with electrical construction software such as Autodesk Revit, AutoCAD, DiaLux Evo Ecodial, ETAP, Microsoft Office, and electrical construction management tools.

Management and Leadership Skills:

- **Project Management:** Ability to plan, Organize, and manage electrical construction projects.
- **Team Management:** Leadership skills to manage and motivate electrical construction teams.
- **Communication:** Effective communication skills to interact with clients, Stakeholders, and team members.
- **Problem-Solving:** Ability to analyze problems and develop effective solutions.

Business and Financial Skills:

- **Budgeting and Cost Control:** Ability to manage project budgets and control costs.
- **Scheduling:** Knowledge of scheduling principles and techniques to ensure timely project completion.
- **Contract Management:** Understanding of contract administration and management.
- **Risk Management:** Ability to identify and mitigate risks associated with electrical construction projects.

Safety and Quality Skills:

- **Safety Management:** Knowledge of safety principles and practices to ensure a safe working environment.
- **Quality Control:** Ability to ensure that electrical construction work meets quality standards.
- **Code Compliance:** Familiar with electrical codes and standards to ensure compliance.
- **Inspection and Testing:** Knowledge of inspection and testing procedures to ensure that electrical systems are safe and functional.

Soft Skills:

- **Time Management:** Ability to prioritize tasks and manage time effectively.
- **Adaptability:** Willingness to adapt to change project requirements and circumstances.
- **Collaboration:** Ability to work collaboratively with other construction professionals.
- **Customer Service:** Commitment to providing excellent customer service to clients and stakeholders.

Language Skills:

- **Arabic:** Mother Tongue.
- **English:** Proficient in reading, writing, and oral communication.

Certifications & Courses

- PMI PMO Certified Practitioner (**PMO-CP**). Certification Number: 4030111
Original Grant Date: 18 January 2025. From Project Management Institute (PMI).
- PMP Preparation Course for Project Management Professional.
- Primavera P6
- International Computer Driving License (ICDL), Version 4.0
- CDMA 2000 Course at NTI & ZTE Egypt
- ZTE CDMA Products Series Practice Training.

Education

Bachelor's degree in electrical communication engineering | Faculty of Electronic Engineering, Menoufia University. Sep 2001 – Jun 2006 | Egypt.

Work Experience

Section Head Engineer - Electrical | Consolidated Contractors International Company (CCC), Egypt.

Jan 2022 – Present | New Cairo, Egypt.

Project: City Gate Compound - Qatari Diar, New Cairo, Egypt.

- 1st stage, Construction of Villas in Zone 2D/Cluster A, B&C (430 Villa).
- 2nd stage, Construction of Villas in Zone 3D/Cluster A&B (422 Villa).
- 3rd stage, Infrastructure & Landscape of Villas in Zone 2D/Cluster A, B&C.

Department: MEP

Duties

Responsibilities included construction of all electrical works at site for Current Stages,

Managing, handling, monitoring & Execution for all Electrical activities at the assigned areas with our team (self-execution) and with subcontractor for all Electrical activities {Power, Lighting& Communication (LV&MV)}. As listed below,

- MEDIUM VOLTAGE NETWORK, MAIN LOW VOLTAGE NETWORK & SECONDARY LOW VOLTAGE NETWORK.
- STREET LIGHTING NETWORK, LANDSCAPE LIGHTING AND WIRING NETWORK.
- DISTRIBUTOR & TRANSFORMERS BUILDING LIGHTING, POWER, LC & EARTHING.
- PRIMARY TELECOM NETWORK, SECONDARY TELECOM NETWORK and SMART SERVICES NETWORK.
- ROAD CROSSING DUCT BANK NETWORK (LV & Telecom).
- TECHNICAL OFFICE SUPPORT (SHOP DRAWINGS) & MATERIALS TAKE-OFF (QS).

Team Leader Electrical Engineer | Sectors Construction Company, Egypt.

Apr 2021 – Dec 2021 | New Cairo, Egypt.

Project: Al Jazi First JW Marriott Residences Compound - Al Jazi Egypt, New Cairo, Egypt.

Department: MEP

Duties

Responsibilities included supervision and execution of all electrical work LV (HCU & LCU) at site for (13 branded buildings) and infrastructure works.

Senior Electrical Engineer | Consolidated Contractors International Company (CCC), Saudi Arabia.

Mar 2019 – Mar 2021 | Riyadh, Saudi Arabi.

Project: Riyadh Metro Project (BACS-OBC), Package 1 Lines 1, Riyadh-KSA.

Department: E&I

Duties

Responsibilities included all electrical road work at OBC at different Areas:

Managing, handling, monitoring & Execution for all Electrical activities at the assigned areas with our team and with subcontractor for all Electrical activities (ITS Traffic Light Signal - Street Lighting Works & Maintenance of Existing LV systems). Stations and Infrastructure of Line 1 from north to south along the Olaya-Batha corridor, covering 38 kilometers.

Senior Electrical Engineer | Consolidated Contractors International Company (CCC), Saudi Arabia.

Mar 2017 – Feb 2019 | Jazan, Saudi Arabi.

Project: Saudi Aramco Jazan Refinery Utility Package & Common Area (JRUP), PROJECT EPC 13. JAZAN-KSA.
Department: E&I

Duties

Responsibilities included all telecom work at OSBL & ISBL Areas.

Managing, handling, and monitoring all telecom activities and systems.

- Structured Cabling System & Instrument Main Cable Pulling, Structure Cable CAT 6/UTP Pulling and Termination.
- (Copper Telephone Cable / FOC) Pulling, Splicing & Testing & Inner duct (Sub Duct) Pulling.
- Manage a team of technicians for smooth execution of the project, Monitoring and following up daily telecom construction activities.
- Raising Technical Query (TQ's) for clarification, if necessary.
- Coordinate with Civil and QC Dept and attend main contract, Client, Qc and Department Meetings. Issuing daily and weekly progress report.

Senior Telecom Engineer | AL YAMAMA for Trading and Contracting Company, Saudi Arabia.

Aug 2016 – Feb 2017 | Jazan, Saudi Arabi.

Project: Saudi Aramco Jazan Refinery & IGCC Industrial Support Facilities Area (ISFP), Project EPC06. JAZAN-KSA.
Department: E&I

Duties

Responsibilities included Fire Alarm System & Building Management System (BMS) For 72 Industrial Buildings.

- Manage, supervise a team of technicians, handling, and monitoring site activities to achieve our targets and plan.

Senior Electrical Engineer | Saudi Oger Ltd Company, Saudi Arabia.

Dec 2012 – Jul 2016 | Najran, Saudi Arabia

Project: Ministry Of Interior Projects (KAP01), King Abdullah Bin Abdul Aziz to Development of Security Headquarters, Najran-KSA.

Department: MEP

Duties

Responsibilities included supervision and execution for all electrical work LV (HCU & LCU) at site for inside buildings and infrastructure work (Internal Police Department, Civil Defense Center, and Squad & Drug Enforcement Section).

- HCU (Lighting and Power systems, UPS, ATS, Generators, Grounding and Lightning Protection Systems, Cable tray installation, LV Power cable laying & Termination).
- LCU (Fire Alarm System, Public Address System, Access Control System, IP network system and MATV).

Senior Electrical Engineer | Ali Hussain Al Yami & Partner Contracting & Trading Company, Saudi Arabia.

June 2012 to Nov 2012 | Najran, Saudi Arabia

Project: Ministry Of Interior Projects (KAP01) King Abdullah Bin Abdul Aziz to Development of Security Headquarters (Internal Police Department, Civil Defense Center, and Squad & Drug Enforcement Section). Najran-KSA.

Department: MEP

Duties

Responsibilities included supervision and execution for all electrical works LV (HCU&LCU)

Electrical Engineer | Misr Mechanical & Electrical Contraction Company, Egypt.

August 2006 to March 2009 | Giza, Egypt.

Project: Renovation of Semiramis Intercontinental Cairo Hotel Project, (Aug 2006 to Dec2007)

Project: Four Season Hotel First Mall (Indigo & French) restaurants and Kitchen, (Jan 2008 to Mar 2009).

Department: MEP

Duties

Responsibilities included supervision and execution for all electrical work LV(HCU&LCU) at site.

Shift Engineer | Semiramis Intercontinental Cairo Hotel, Egypt.

April 2009 to May 2012 | Tahrir, Egypt.

Department: Operation and Maintenance

Duties

Responsible for Maintenance and Operation of all Main Hotel Plant During Shift.