








Mahmoud Sobhey

Sr. Electrical Engineer

Electrical – MEP / CM

CONTACT

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SKILLS

- Electrical Engineering
- Technical support
- MV/LV distribution systems
- MV/LV cable sizing
- Low Current System
- FA – public Adress, BMS
- Audio Video – Tele & Data Sys
- Power system operation
- Electrical equipment design
- Wiring schematics
- Safety and Security systems
- HVAC System
- Fire fighting system
- Plumbing & Drainage System
- Project Management
- Mep Manager
- Technical Office Manager
- Testing & Commissioning Procedures
- Construction Codes & Standards
- Cost Estimation
- Project budgeting.
- MS Office
- Revit MEP
- AutoCAD

PROFESSIONAL SUMMARY

Highly experienced Senior Electrical Engineer with a strong background in designing, supervising, and executing electrical systems across commercial, industrial and infrastructure projects. Skilled in electrical engineering design, LV/MV power systems, MV Switch gear, Package, Unit Substation Mv & Low Voltage Cables ,MDP, SMDP, Earthing & Lightning Protection Sys, Normal & Emergency Lighting Fixture, Sockets, Low Current System Fire Alarm System, Public Adress System, Evacuation System, BMS, Audio Video System, Nurse Call Sys, Access Control, DATA & Tel Sys, CCTV Sys, Lighting Control.....) MEP coordination, and site supervision. Strong knowledge of international Standards (IEC, NEC, NFPA) with proven leadership in delivering high-quality Engineering solutions on time and within budget.

Results-driven Project Manager with strong experience in managing construction and MEP works throughout all project stages. I am skilled in project planning, cost control, contract management, and multidisciplinary coordination. Proven ability to lead teams, resolve technical issues, and deliver projects on time, within budget, and to the highest quality and safety standards.

GENERAL RESPONSIBILITIES

- Lead and supervise all Mechanical, Electrical, and Plumbing works on site.
- Ensure MEP installations follow approved drawings, specifications, and standards.
- Coordinate MEP activities with civil, architectural, and other trades to avoid conflicts.
- Review and approve MEP shop drawings, coordination drawings, and builder's work drawings.
- Plan and monitor MEP work schedule and manpower allocation.
- Supervise subcontractors and ensure timely completion of MEP works.
- Conduct site inspections to verify quality and compliance.
- Coordinate material submittals, deliveries, and storage requirements.
- Manage MEP testing, commissioning, and system startup procedures.
- Ensure proper integration of MEP systems (HVAC, firefighting, electrical, plumbing, BMS).
- Raise RFIs for unclear details and resolve technical issues.
- Prepare weekly technical and progress reports.
- Ensure all MEP activities follow safety regulations and project HSE plan.
- Coordinate with authorities for inspections, permits, and approvals.
- Lead final system testing, commissioning, and handover documentation.
- Lead the project lifecycle from initiation to handover, ensuring scope, time, cost, and quality objectives are achieved.
- Prepare and update the Project Execution Plan (PEP).
- Develop and maintain the master project schedule with coordination of all work disciplines.

LANGUAGES

English

Advanced (C1)

Arabic

Proficient (C2)

MEMBERSHIP

Member in "Saudi Arab Society of

Engineers"

Riyadh, KSA



Member in "SAUDI COUNCIL OF

ENGINEERS"

Riyadh



Member in "Egypt Society of

Engineers - Egypt



PMI- PMP Certified

Saudi Arabia, Riyadh



SOFTWARE

Revit MEP – AutoCAD – Schneider Eco dial

- Dia lux – Cable Sizer - Microsoft Office

ERP - NAVIS – REVIT – CMIC

PERSONAL QUALITIES

Accountability

Communication Skills

Time management

Teamwork

Initiative

- Manage project budget, cash flow, and cost-control activities.
- Review and approve shop drawings, material submittals, method statements, and RFIs.
- Manage procurement activities, evaluate suppliers and subcontractors, and monitor delivery schedules.
- Conduct weekly and monthly progress meetings, issuing reports and action logs.
- Identify project risks and implement mitigation measures.
- Manage variation orders, claims, contractual correspondence, and change control.
- Ensure compliance with project specifications, local regulations, and international standards.
- Lead project close-out activities including snagging, as-built documentation, and final handover.

CORE COMPETENCIES

- Project Planning & Scheduling
- Budgeting & Cost Control
- MEP Construction Management
- Contract & Claims Management
- Technical Coordination
- Risk Management
- Procurement & Material Management
- Quality Assurance & Quality Control
- Testing & Commissioning
- Stakeholder Management
- Team Leadership
- Health & Safety Compliance (HSE)
- Load Calculations & Short Circuit Analysis
- MEP Coordination
- Site Supervision & Inspection
- Testing & Commissioning
- Project Documentation & Reporting
- QA/QC & Safety Compliance
- Electrical Design & Engineering
- Low Current Systems (CCTV, Fire Alarm, Access Control)
- AutoCAD / Revit / ETAP

WORK HISTORY

Experience in Egypt

From **05/09/2005** to **15/04/2006**

JOB Description : Technical & Sales Engineer

Company Name : El Abiad Comp 4u Company

Experience in Libia

From **25/04/2006** to **10/03/2008**

JOB Description: Site Electrical Engineer

Company Name: Al Gredley Contracting Company

Project Name: Schlumberger Tripoli Base

Worked as Execution Engineer Responsible of all electrical work in site. installation & Supervision, Following, Documented, reporting. Testing All Electrical System, Unit Substation Laying Low Voltage Cables Install MDP, SMDP, Earthing & Lightning Protection Sys, Normal & Emergency Lighting Fixture, Sockets, Low Current System - Fire Alarm System, Public Adress System, Evacuation System, BMS, Access Control, DATA & Tel Sys, CCTV Sys)

SUCCESS STORIES

Schlumberger



Experience in Saudia Arabia

From 26/03/2008 **to** 04/05/2011

JOB Description:

Senior Electrical Engineer

Company Name:

Al-Saghyir Company For Trading and Contracting

Project Name:

Hail technology College

- Prepare and review electrical shop drawings and material submittals.
- Perform LV/MV electrical design including load analysis, cable sizing, and protection studies.
- Supervise on-site electrical work ensuring compliance with specifications and standards.
- Prepare panel schedules, voltage drop calculations, and circuit layouts.
- Coordinate MEP activities with civil, architectural, and mechanical teams.
- Conduct testing & commissioning electrical systems.
- Manage subcontractors and ensure timely execution of work.
- Provide technical solutions and resolve site issues.
- Prepare as-built drawings and final handover documents.

Experience in Saudia Arabia

From 17/07/2011 **to** 15/12/2013

JOB Description:

Senior project Engineer

Company Name:

Jawdat Contracting Company

Project Name:

Al Jazeera shield forces in Riyadh (GDMW)

From 05/01/2014 **to** 01/08/2016

JOB Description:

Electrical Construction Manger

Company Name:

Jawdat Contracting Company

Project Name:

King Abdullah International Garden (KIAG)

From 15/08/2016 **to** 01/05/2017

JOB Description:

MEP Manger

Company Name:

GREEN LINE COMPANYY

Project Name:

IKEA OCP - ALKHARJ

From 02/05/2017 **to** 15/05/2024

JOB Description:

Electrical Department Manager

MEP Manger

Project Manger

Company name:

Bashaer Al Bena Contracting Co

From 25/05/2024 **to** 25/12/2024

JOB Description:

MEP CM

Company name:

Saudico Contracting Co.

Company name:

Al Mishraq - MISK.

From 25/05/2024 **to** 25/12/2024

JOB Description:

MEP CM

Company name:

AMANA Group Co.

Project name:

Chalhoub fulfillments Center In Riyadh.



Managed scopes and deadlines using different project management methods.

- Mentored employees to maximize development potential.
- Planned staff and resources within business budgets for minimized expenditure.
- Developed analytics tools to track project progress and impact.
- Delivered projects on time and under budget through strict implementation and cost controls.
- Achieved high client satisfaction through consistent delivery and communication.
- Conducted technical and customer meetings, increasing communication and strengthening stakeholder relationships.
- Delivered products and services in line with agreed arrangements and contracts.
- Built company reputation by managing and successfully delivering projects.
- Negotiated with suppliers to reduce costs.
- Delivered on revenue targets and service KPIs.
- Minimized accidents and incidents with comprehensive health and safety procedures.
- Chaired project governance reviews and resolved challenges.
- Reduced costs by allocating site resources and subcontractors for strict budget controls.
- Led meetings with department executives to review project status, drafting action plans to deliver proposed changes.
- Managed desires and expectations for key stakeholders across numerous high-value projects.
- Determined project schedules and kept projects on track using proactive adjustments to workflow.
- Built relationships with stakeholders through outstanding client management skills.
- Led and motivated talented project teams, achieving targets within stipulated deadlines.
- Delivered exceptional service to clients, maintaining relationships for future business opportunities.
- Designed project presentations and reports for executive teams.
- Defined project scope, milestones and task allocation to establish and maintain clear progress plans.
- Reduced downtime with effective scheduling and resourcing.

EDUCATION

Bachelor of Electrical Engineering: Electrical, 09/2000 - 06/2005

AL Menoufia University - Menoufia - Good