

ABDELLATIF ASHRAF

Senior Electrical Engineer | MEP Execution & Project Management | Low-Current Systems | QA/QC | Shop Drawings

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SUMMARY

Senior Electrical Engineer with a B.Sc. in Electrical & Electronics Engineering from October High Institute for Engineering and Technology (2023) and 4+ years of hands-on experience executing and managing MEP projects across Egypt's most prestigious hospitality, commercial, and corporate fit-out developments. Main liaison between consulting offices, technical departments, field teams, and clients. Specialist in electrical distribution, low-current systems, shop drawing review, and full QA/QC compliance under the tightest deadlines.

PROFESSIONAL EXPERIENCE

Senior Electrical Engineer · MEP Project Manager — *Precision* 2022 – Present | Cairo, Egypt

- Led management and execution of electrical & low-current works for 8+ fit-out projects across hospitality, commercial, and corporate sectors.
- Main liaison between consulting offices, technical departments, field teams, and clients — ensuring full alignment on specs, scope, and timelines.
- Reviewed electrical drawings and shop drawings for compliance with project specifications and engineering standards before and during execution.
- Supervised on-site installation of power distribution, lighting, and low-current systems: CCTV, fire alarm, data networks, sound, and access control.
- Prepared material submittals, method statements, and technical documents in coordination with procurement teams.
- Executed full MEP coordination with civil, mechanical, and architectural teams to eliminate design clashes pre-construction.
- Prepared quantity take-offs (BOQ) and reviewed subcontractor payment applications across all phases.
- Supervised all 3 execution phases with full QA/QC compliance and specification adherence.
- Managed resources, site logistics, and large technician teams under tight deadlines.
- Negotiated and resolved site issues with consultants, clients, and stakeholders professionally.
- Consulting Projects (Parallel): Al-Madina for Pastries — Nasr City & Al-Madina for Pastries — Al-Shrouq City.

Electrical Engineer — Training & Execution — *Al-Emad for Finishing* 2020 – 2022 | Cairo, Egypt

- Joined in the final 2 years of university; rapidly transitioned from trainee to real-world field executor in greenhouse and specialized electrical projects.
- Executed electrical systems for greenhouse structures: power supply, lighting, irrigation control, and ventilation.
- Managed installation of cables, conduits, distribution boards, contactors, timers, and sensors.
- Supervised site technicians and contractors, ensuring safety and quality standards throughout.
- Testing & commissioning: automatic lighting, fans, misting systems, and backup power (generators/inverters).

SELECTED PROJECTS

All projects below were executed under *Precision* company.

Bayer Pharmaceuticals Egypt — HQ — Mivida, New Cairo — First project as Project Manager. Massive footprint with 25+ lighting fixture types, high-density work stations, large-scale CCTV, data center, access control, queuing system, sound system, and fully integrated fire alarm.

Cred Developments — HQ — 5th Settlement, New Cairo — Corporate headquarters with high-density work stations requiring full electrical, low-current, and data network integration.

KG — Keys Group Offices — Maadi, Cairo — Full electrical, lighting, and low-current systems execution for a corporate office fit-out.

CAF Restaurant & Café — Water Way 2, New Cairo — Premium quality delivery at minimum cost with a fixed vendor list in the high-standard Water Way zone, alongside an exceptionally demanding landlord consultant.

Antakha Restaurant & Café — District5 Mall, New Cairo — Largest restaurant in District5 with an extremely tight delivery schedule. Completed on time at premium quality without compromise.

EI-Abd Sweets — Obour Branch — Obour City — Supervisor resigned suddenly mid-execution. Took direct leadership of the large team, working 12+ hours daily for one month. Outstanding on-time delivery.

EI-Abd Sweets — Abbassia Branch — Abbassia, Cairo — Full electrical & low-current systems execution for Egypt's iconic oriental sweets brand.

Pavilion Garden Building — AL-MASHFA Hospital — Ismailia Desert Road — Hospitality building for psychiatric patients at luxury standard, with full system integration with the main hospital — an exceptional technical achievement.

Al-Madina for Pastries — Nasr City — Nasr City, Cairo — Full electrical design consultation and shop drawing review for a high-traffic commercial fit-out branch.

Al-Madina for Pastries — Al-Shrouq City — Al-Shrouq City — Electrical design consultation and shop drawing review, ensuring compliance with brand standards and local engineering requirements.

EDUCATION & CERTIFICATIONS

B.Sc. — Electrical & Electronics Engineering

October High Institute for Engineering and Technology | 2023

Electrical & Light Current Distribution Diploma

Specialized training covering power distribution and low-current system design

Shop Drawing Course

Technical drafting and review for MEP execution projects

Light Current Systems Course

CCTV, fire alarm, data networks, access control, and IPTV systems

CCNA — Cisco Networking

Cisco | 2020

Field Training — New Administrative Capital

Hassan Allam Construction | 2022 — Light current systems, CCTV, fire alarm, IPTV, and electrical systems in mega projects

ICDL - English Language Course

HARD SKILLS

Electrical Distribution Systems • Low-Current Systems (CCTV, Fire Alarm, Data Networks, Access Control, Sound, IPTV) • MEP Project Management • Shop Drawing Review & Approval • AutoCAD • Material Submittals • Method Statements • BOQ & Quantity Take-Off • QA/QC Compliance • Site Supervision • Testing & Commissioning • Subcontractor Management • MEP Clash Coordination • Cable Routing & Termination • Conduit & Trunking (EMT, PVC, GI) • Progress Reporting & Documentation • Power Systems • Lighting Design

SOFT SKILLS

Team Leadership • Cross-Functional Coordination • Stakeholder Management • Problem Solving • Attention to Detail • Time Management Under Pressure • Professional Negotiation • Communication • Accountability • Adaptability • Initiative • Critical Thinking

LANGUAGES

Arabic (Native) • English (Professional Working Proficiency)