

Holds a B. Sc. in Electrical Power Engineering and has more than 9 years of work experience in contracting, construction and consulting companies specialized in Power, Water, Energy, commercial, residential and hospitality Projects. Has strong management background.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/02/1990  
Gender : Male  
Marital Status : Married  
Residence : Helwan, Cairo

## EDUCATION

: B. Sc. in Electrical Power Engineering, Helwan University, 2012

## LANGUAGES

Arabic : Native Language  
English : Excellent  
German : Fair

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD (2007-2010-2014) 2D  
: Dialux, ETAP, Ecodial  
: MATLAB programming language  
: ETAP programming language

## TRAINING COURSES AND CERTIFICATIONS

: PMP - PMI certified (valid License till Apr. 2023).  
: PLC 1 Siemens, Helwan University (summer 2011) (Certified).  
: PLC 2 Siemens, Helwan University (summer 2011).  
: AutoCAD 2D, Cairo University (summer 2010) (Certified).  
: Electrical power system Distribution course, Je telecom.  
: Confident communication (Online course).  
: PMP Exam Preparation Course (Feb. 2019).  
: E-Learning Online Courses in Project Management, Business continuity and Agile in Program management office.

- : Risk Management Professional.
- : Engineering contracts and Laws (Udemy).
- : Six Sigma Yellow Belt (VMEdU).
- : ICDL
- : Trainings at:
  - Egyptian Iron Steel Company (summer 2010).
  - On-Site training for gas insulated switchgear ELK-3/420 (ABB) on 2016 Al-Khafji 380/115/13.8 S/S.
  - On -Site training for gas insulated switchgear 380KV Manufactured by GE in 2019 at Shoiba Mina\_ B S/S.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2022 till now
- Employer** : Redcon Construction
- Project** : Maghagha Medical Units
- Job title** : Team Leader Electrical Engineer
- Job Description** :
- Plan, manage and control Electrical Works.
  - Quantity surveying of all electrical items.
  - Coordinate Shop drawings and Material submittals approvals.
  - Coordinating with consultant for inspection of all work, materials and resolving technical issues.
  - Supervision of all electrical works including but not limited to lighting, power, Light current system, FA, CCTV...

- Dates** : From Sep. 2020 till Sep. 2022
- Employer** : EHAF Consulting Engineers
- Job Description** :
- Grand Heights Compound (Sep. 2021 – Sep. 2022) (Senior Electrical Engineer):
    - Study the Project contract and tender documents, conduct design review.
    - Review and approve materials technically in accordance with projects needs and approved vendors list.
    - Review and approve shop-drawing and materials in accordance with the project design, specifications, BOQ and client requirements.
    - Supervision of all electrical works including but not limited to MDP/SDP, lighting, power, Light current systems (PA, ACS, FA, CCTV system, ...).
    - Conducting all inspections for works, materials and responding to RFI.
  - Construction of AI, AIB and IDB banks (Sep. 2020 – Sep. 2021) (Senior Electrical Consulting Engineer):
    - Study the Project contract and tender documents.
    - Review and approve shop-drawing and materials in accordance with the project specifications, BOQ and client requirements.
    - Participating in suppliers/vendors evaluation and selection.
    - Supervision of all electrical works including but not limited to electrical equipments, lighting, power, Light current system (PA, ACS, FA, CCTV, Intrusion system, ...), BMS system.

- Conducting all inspections for works, materials and responding to RFI.
- Participating in quantity survey activities for the electrical works.

- Dates** : From Apr. 2019 till Jun. 2020
- Employer** : RTCC Trading & Contracting Co.
- Job Description** :
- Construction of Jubail to Eastern WTS (Oct. 2019 – Jun. 2020) (Senior Electrical Project Engineer):
    - Plan scope management, define scope, create WBS required for managing the project scope.
    - Determining technical requirements, clarifying conflicts in project scope, communicating effectively with project stakeholders to collect requirements and clarifying the detailed project scope.
    - Play a vital role in estimating cost, required resources for different activities and determine budget for those resources.
    - Participating in scheduling activities, sequencing activities and estimating activities duration to build out the schedule model and create the schedule baseline.
    - Participating in plan procurement management, preparing Bid document and Statement of work, solicit proposals from prospective sellers, attending bid conference, evaluating sellers' proposals and finally took part in negotiation to reach out an agreement prior to signing the contract.
    - Participating in planning activities, attending kick off meetings and defining roles and responsibilities of the team members.
  - Construction of Shoiaba Mina B Pump Station (Apr. 2019 – Oct. 2019) (Electrical Project Engineer):
    - Coordinating all HV and MV related works and resources.
    - Liaising with Vendors of HV and MV equipment to coordinate materials delivery, installation and commissioning works.
    - Liaising with the Site Engineers and QA/QC for ensuring project works are completed on time, as per specified standards and client requirements.
    - Follow up the project issues and resolving conflicts.
    - Providing a leading and managing role in dealing with suppliers and monitoring their progress to meet the schedule baseline and the project objectives.
    - Playing a vital role in managing changes to the project scope to avoid scope creep and cost overrun.
    - Coordinating all the testing and commissioning works for the 380KV GIS, 13.8KV SWG, Power Transformers and HV Power cables with the concerned subcontractors and vendors.
    - Tracking effectively the Progress, technical defects and quality issues with the project team and suppliers.
    - Worked effectively on obtaining the final acceptance on the completed deliverables from the customer.

- Dates** : From Jun. 2018 till Apr. 2019
- Employer** : MADKOUR EPC Co.
- Project** : Construction of 6 Oct 500/220/22KV Substation
- Job title** : Electrical Project Engineer

- Job Description** :
- Participated in plan scope management, collecting requirements and defining the project scope.
  - Coordinating with other discipline for carrying out the project work and meet the project objectives.
  - Follow the technical issues and coordinating for material and shop-drawings approval.
  - Play a vital role in procurement process, negotiation with suppliers for the best competitive price and carrying out the legal contract.
  - Tracking scope, schedule and cost baselines.
  - Tracking the sellers' progress, delivery and performance throughout the project life cycle to achieve the project objectives and meet the project deadlines.
  - Liaising with vendors for the best delivery of resources and coordinating for factory acceptance test, installation and on site works.

**Dates** : From Feb. 2015 till Apr. 2018

**Employer** : Alfancar Construction Company (Power & Water Sector), KSA

**Job title** : Electrical Site Engineer / Project Engineer

- Job Description** :
- Construction of Al-Badaya 115/33/13.8KV, Al-Hamra and Hail Center 115/13.8KV Substations (from Sep. 2017 till Apr. 2018) (Project Engineer):
    - Coordinating with external vendors (Civil – Electrical and Mechanical) for materials delivery and conducting the project work in accordance with the project standards and specifications.
    - Coordinating with site team for work execution and resolving site issues.
    - Reporting materials issues to the concerned suppliers and coordinate effectively to resolve all site issues and nonconformance.
    - Follow the payment of suppliers' invoices and provide payment advice based on completed deliverables.
  - Construction of HAFAR AL BATIN-6 115/13.8KV Substation (from Nov. 2016 till Aug. 2017) (Electrical Site Engineer / Acting Site Manager):
    - Manage the site team to perform the project work as per approved project management plan.
    - Liaising and coordination with suppliers for the materials delivery and keep on contact until completion of delivery.
    - Maintaining the quality standards of all electrical activities as per project quality management plan.
    - Estimating required resources for all electrical works.
    - Overseeing the installation of all electro-mechanical works in accordance with approved drawings and specifications.
    - Controlling the project scope, cost and schedule and ensuring that the project work is performed in accordance with the approved baselines.
    - Planning the resources utilization to be aligned with the approved schedule.
    - Managing and controlling resources utilization.
    - Preparing the progress reports.
    - Playing a vital role in validating the completed project deliverables

- and obtaining formal acceptance from the customer.
- Reporting noncompliance in the project scope to management team for making decisions and proposing corrective actions.
- Managing changes to the project scope and following assertively the project scope baseline to avoid scope creep and cost overrun.
- Keep a record of all Site modifications.
- Maintain safety at site during work execution and following safety procedures.
- Participating in collecting lessons learned, archiving information and closing contracts.
- Construction of AL-KHAFJI 380/115/13.8KV Substation (from Oct. 2015 till Nov. 2016) (Electrical Site Engineer):
  - Executing and monitoring the installation of all electrical works including but not limited to HV/MV electrical power equipment, Lighting, Grounding, (Power, control, HV/MV, Fiber optic) cables, Cable raceways, LC system.
  - Coordinating with all disciplines for carrying out the project work in the right sequence and in accordance with the project standards and client specifications.
  - Overseeing and monitoring the installation of all equipment including but not limited to 380KV GIS Manufactured by ABB, 115KV GIS Manufactured by HHI, 13.8KV SWG Manufactured by ALFANAR, 502MVA Transformers Manufactured by HHI, 67MVA Transformers Manufactured by HHI, 150MVA Shunt reactor Manufactured by HHI, capacitor bank, auxiliary transformers, control and protection panels, AC/DC system, ...etc.).
  - Allocate the required resources for proper job execution.
  - Set work plans for proper work execution.
  - Participate in solving technical issues in co-ordination with project team, vendors.
  - Co-ordination with testing and commissioning team for carrying out testing and commissioning activities for all Equipment.
  - Validating the project scope and obtaining formal acceptance from the project customer.
  - Reporting noncompliance in the project scope to management and doing corrective action.
  - Working effectively in managing conflicts, resolving issues and repairing defects and nonconformance.
- Construction of WAAD AI-SHAMAL 380/132/33KV Substation (from Feb. 2015 till Oct. 2015) (Electrical Site Engineer).

**Dates** : From Dec. 2013 till Jan. 2015

**Employer** : SEMAC Automation Co.

**Project** : El-Kattamya Cement Factory RAW Mill 1 & 2 (Ital-Cement Group)

**Job title** : Electrical Site & Design Engineer

**Job Description** :
 

- As Electrical Site Engineer:
  - Engineering Design, Erection and Commissioning of electrical system for raw mill 1 & 2 Bag Filter.
  - Installation of power and control cables of the new air blast system in the pre-heater tower.

- As Electrical Design Engineer:
  - Motor Control Center: Design of Incoming Circuit Breaker, Control Circuit with PLC Interface, Motor Starters (1-Way, 2-Way, Y/Δ) including power cable sizing, Control circuits and its components. All wirings with PLC Digital and Analog Interface Signals).
  - Digital and Analog Marshalling Panel: Design Installation of racks or nodes, Power Supply, Cards, Communication Module, Mirrors, and all wirings.
  - Low Voltage Distribution Board:
    - ❖ Design and installation of CB's, Bus bars and all Feeders.
    - ❖ Supervising of Building up Panels and preparing them for the site.

- Field of experience :**
- Currently working for Redcon Construction as Team Leader Electrical Engineer since Oct. 2022.
  - Worked for EHAF Consulting Engineers as Sr. Electrical Engineer from Sep. 2020 to Jul. 2022.
  - Worked for RTCC Co. as Sr. Electrical Project Engineer from Apr. 2019 to Jun. 2020.
  - Worked for MADKOUR EPC Co. as Electrical Project Engineer from Jun. 2018 to Apr. 2019.
  - Worked for ALFANAR Construction Co. (Power & Water Sector) as Project Engineer & Electrical Site Engineer from Feb. 2015 to Apr. 2018.
  - Worked for SEMAC Automation as Electrical Design and Site Engineer from Dec. 2013 to Jan. 2015.