

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 7 years experience working in construction, design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/09/1990
Gender : Male
Marital Status : Single
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Shorouk Academy, 2013

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: HTML, FrontPage
: AutoCAD (2007, 2016)
: Revit MEP
: Dialux Lighting Solution
: HAP (HVAC Load Calculations)
: Elite (Fire Fighting Hydraulic Calculations)
: E-tab & E-Design (for Electrical Calculations)

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- Egypt Air (Maintenance Department).
- Egyptian Electricity Company.
- Cairo Oil Refining Company.
- The Egyptian Company for METRO.
- GUPCO (Gulf of Suez Petroleum Company).

- : Revit MEP
- : Mechanical Diploma (HVAC & Fire Fighting & Plumbing).
- : Safety Fire Fighting Systems (Protection Course).
- : Dialux Lighting Solution
- : AutoCAD 2014
- : ICDL
- : Stress Management Course.
- : PMP (Project Management Professional).
- : Primavera 2011 Xs
- : Dialux Evo
- : HAP for HVAC Calculations
- : Elite for piping sizing
- : Etab
- : ABB Design Program for medium voltage works.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2020 till now
Employer : Tabarak Holding for Construction
Job title : Senior MEP Engineer
- Dates** : From Apr. 2020 till Jul. 2020
Employer : Al-Safa for General Contracting
Job title : Head of Electrical Department
- Dates** : From Aug. 2019 till Mar. 2020
Employer : Al-Ahram for Contracting
Job title : Sr. Technical Office Manager (Head of Technical Team)
- Dates** : From Sep. 2017 till Jul. 2019 (part time)
Employer : Elite Consultant (MEP Scope)
Job title : Electro-Mechanical Supervisor Engineer
- Dates** : From Feb. 2017 till Jun. 2019
Employer : MEP Group (Mechanical & Electrical and Plumbing)
Job title : Senior Electro-Mechanical Engineer (Site & Technical Office Engineer)
- Dates** : From Mar. 2014 till Jan. 2017
Employer : ASASS Company for Constructions & Devolvement (Multiples Group)
Job title : Electro-Mechanical Engineer (Site & Design Engineer)
- Dates** : From Sep. 2013 till Feb. 2014
Employer : Arab Company for Electric Inverters (ACC) (ABB)

Job title : Electrical Engineer (Maintenance & Services)

Projects:

- AUC Housing Project (Residential) - 5th Settlement, New Cairo (Site MEP Engineer)
- SKY Tower Project (Residential) - Masr El Gedida, in front of El Shams Club (Electrical Site & Design Engineer)
- Zepter Office Building (Commercial) - 5th Settlement, New Cairo (MEP Site & Office Engineer)
- El-Andalous Buildings Phase 2 (Residential) - 5th Settlement, New Cairo (MEP Site & Office Engineer)
- White Bay Resort (Commercial) (In Progress) – North Coast (MEP Site & Office Engineer)
- Buffalo Rings & Wings Branches (Commercial) – Cairo (Electrical Site & Design Engineer)
- El-Kanateer Hospital (In progress) - El-Kanateer El-Khayria, Cairo (Electrical Engineer (Management Team))
- Wafflicious Branches (Commercial) – Cairo (MEP Engineer)
- El Tawfiik Mosque (In Progress) – Nasr City, Cairo (Electrical Engineer)
- Residential Villa - Lake View Compound - 90 Street - 5th Settlement, New Cairo (MEP Engineer)
- Pact Office Building (Commercial) - Masr El Gedida, Cairo (MEP Engineer)
- Residential Villa – El-Hayah Compound - 90 Street - 5th Settlement, New Cairo (MEP Engineer)
- ABO El Wakaf Hospital (In progress) – El-Menia Country, Upper Egypt (MEP Engineer)
- Ebn Sina Hospital – El-Dokki, Cairo (HVAC Consultant Engineer)
- El-Masa Hotel - New Capital, Cairo (Electrical Designer Engineer)
- Poly Clinic Building – 5th Settlement, Cairo (MEP Designer Engineer)
- El-Mokatam Hospital – Cairo (Light Current Engineer)
- Chocolate Lounge Shop - Fairmont Hotel - Masr El Gedida, Cairo (MEP Engineer)
- siParadigm Admin Office - Sheraton - Masr El Gedida, Cairo (MEP Engineer)
- National Authority for Remote Sensing and Science (NARSS) - Sheraton - Masr El Gedida, Cairo (MEP Engineer)
- Al-Alamin Military Resort – North Coast (Project Manager)
- Damanhour Military Hospital (Project Manager)
- Soaq El-Hodra - Damanhour (Project Manager)
- El Jezera Club – 6 October, Giza (Project Manager)
- Dorra El Karaaz – New Cairo (Project Manager)
- Maglas El Dawla – Ismailia (Project Manager)
- CAPMASS – Heliopolis, Cairo (Project Manager)
- 90 Avenue Residential Compound – New Cairo (Sr. MEP Engineer)
- Capital East Residential Compound – Nasr City, Cairo (Sr. MEP Engineer)
- Fantisa Resort – Rus Sudr (Sr. MEP Engineer)

- Field of experience :**
- Electromechanical Site & Office Engineer (Residential & Commercial Buildings).
 - Medium Voltage Works (Transformer & Distributor and R.M.U).
 - Freelancer MEP Engineer (Design & shop drawing & Calculations).
 - Electrical Design (AutoCAD & Dialux & Revit MEP & Lighting Control Solution).
 - MEP Planning for MEGA Projects.
 - Mechanical Works (HVAC & Fire Fighting & Plumbing and Elevators).
 - Electric Drives (Inverters ACs & DCs) & PLC.
 - Electrical Distribution (Commercial & Residential & Industrial & other Buildings).
 - Light Current (Fire alarm & CCTV & MATV & Data Network).
 - Automation Projects.
 - Mechanical Scope:
 - HVAC Design Scope:
 - ❖ HVAC - Cooling Load Estimation.
 - ❖ HVAC - Dust Design and Pressure loss calculation.
 - ❖ HAP Load Estimation.
 - ❖ Pipe Line design.
 - ❖ Best experience in VRV systems.
 - Fire Fighting Design Scope:
 - ❖ Pump room design.
 - ❖ Sprinkler network distribution system design.
 - ❖ Co2/FM-200 design.
 - ❖ Elite Hydraulic Calculations.
 - ❖ Civil defense reports.
 - Plumbing Design Scope:
 - ❖ Internal drainage and water supply design.
 - ❖ Outdoor drainage and water supply design.
 - Mechanical Supervision Scope:
 - ❖ Quality of work in according to project specifications within the designated time frame.
 - ❖ Analyzing and resolving field problems.
 - ❖ Prepare method statement of work, inspection and test plan and risk assessment.
 - ❖ Supervise the construction in terms of proper method, material reservation and optimum output labor.
 - ❖ Equipment and Material purchasing orders, supplying onsite and material take-off.
 - ❖ Installation, commissioning and startup of the following mechanical systems: HVAC (Chilled water system "water cooled chiller", AHU'S, FCU'S and Exhaust Fans).
 - ❖ Plumbing (all plumbing accessories, booster pumps, submersible pumps and hot water circulation system).
 - ❖ Fire Fighting (Fire pumps, Sprinkler system, FM-200, Co2, FHC, Valves, etc.).
 - ❖ Co-ordination between different fields in project.
 - ❖ Start-up, test and commissioning projects.
 - ❖ As built drawing for work executed.
 - Electrical Scope:
 - Installation, commissioning and start-up of the following Electrical systems:

- ❖ Transformer up to 2500 mega dry (Sweedy & ABB).
- ❖ Distributor (up to 16 Cells).
- ❖ Ring Main Units (SF6 & Vacuum, ...).
- ❖ Generators (up to 2 mega) & UPS System.
- ❖ Main distribution board (MDB) & EMBD.
- ❖ Low Voltage System & Medium Voltage system.
- Electrical Calculations (Single line & Voltage drop & MCCB & cable ratings & MCB & Panel Schedule).
- Light Current Systems (CCTV & MATV & Sound System & Data and telephone network &).
- Fire Alarm System.
- Lighting & power System (Normal & Emergency).
- As built drawing for work executed.
- Supervise the construction in terms of proper method, material reservation and optimum output labor.
- Equipment and Material purchasing orders, supplying onsite and material take-off.
- Co-ordination between different fields in project.
- Start-up, test and commissioning projects.