

Holds a B. Sc. in Mechanical Power Engineering and has about 6 years hands-on experience working in projects control, technical office and procurement.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 28/08/1988  
Gender : Male  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2010  
: Studying for M. Sc. degree

## **LANGUAGES**

Arabic : Native Language  
English : Excellent  
Italian : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Autodesk AutoCAD  
: HAP, Elite  
: Primavera P6  
: VBA programming  
: Autodesk Revit MEP

## **TRAINING COURSES AND CERTIFICATIONS**

: CCP from AACE Institute (AUC).  
: PMP Certification Candidate – PMI (Prolead for project management).  
: Project Management Fundamentals (Prolead for project management).  
: Autodesk Revit MEP 2013 (KEMET – Autodesk Distributor).  
: PRMG 025 (Project Budgeting and Financial Control) (AUC).  
: PRMG 070 (Certified Cost Professional Preparation) (AUC).  
: PRMG 090 (Project planning and scheduling) (AUC).  
: Communications Skills and technique (HSSA Egypt Training Center).

- : HVAC system design course in SMG Company:
  - Study all types of AC (Air Conditions) DX and Chiller start from window type to chiller.
  - How to select the units (DX and Chillers) from different types of catalogues (Carrier, York, SKM and others).
  - How to calculate load estimation by using HAP and Block load Programs and Manual calculation also.
  - How to deal with ASHRAE Code to obtain different data (lighting data, people occupancy, ventilation, etc.).
  - How to use Duct Calculator, Duct sizing, etc. and other software to make duct sizing.
  - How to select different types of Air Outlets (Linear Diffusers, Square Diffuser, Side Wall Grill and others) from different catalogues (Beta, ZAMZAM, ANDALOSIA, EGAT, DASCO and others).
  - How to select any types of Fan (pressurized fan, Exhaust fan, fresh air fan) by calculating ESP (external static pressure).
  - How to deal with SAMCNA Code.
  - Determining all Hock up on pump, chiller, (AHU) Air Handling Unit and (FCU) Fan Coil Unit.
  - How to calculate pump head.
  - How to make pipe sizing.
  - How to make sizing for Expansion Tank.
  - How to select Cooling Tower.
- : HVAC design course in Eng. Ayman Omar Office (from Jul. till Sep. 2009).
- : Fire Fighting system design course at SMG Company.
- : AutoCAD professional diploma certified by YAT.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2015 till now
- Employer** : Ecseg – Maadi, Cairo
- Projects** :
  - Sodic Forty West luxury compound
  - Bureau 175 – LEED GOLD Admin Bldg.
- Job title** : Senior Project Controls Engineer
- Job Description** :
  - Responsible for initiation and revision of Time schedule & planning developing from the preliminary stage at the Estimation process to the detailed schedule and Baseline, S-Curve, Resources Allocation and manpower histograms Submission.
  - Responsible for coordinating, reviewing and validating the process of Baseline Updates, Progress reports, performance indices reports, EVM Reports to the Executives and project managers.
  - Responsible for weekly, monthly reports, recovery and revised plans if required.
  - Responsible for Claiming procedures and contractual aspects of claims and disputes if any.
  - Responsible for determining Direct Costs, indirect Cost & handing over up to the Construction Team, Contract review and risk assessments in coordination with the construction managers and PMs.
  - Responsible for all cost reporting to top management.
  - Monitor the progress of subcontractors and revising the relevant invoices

& purchase orders.

**Dates** : From Jul. 2014 till Dec. 2015  
**Employer** : Ecseg – Maadi, Cairo  
**Projects** :

- Bureau 175 – LEED GOLD Admin Bldg.
- Metropolitan International School

**Job title** : Senior Technical Office Engineer  
**Job Description** :

- Provide full technical support during the construction phase.
- Materials submitting & Shop drawings reviews, variations & claims assessment.
- Leading the Procurement Process through Technical evaluation, commercial evaluation, contracts, LOIs and purchase orders issue.
- Performing up all related correspondences of consultancy issues.

**Dates** : From Jan. 2013 till Jun. 2014  
**Employer** : Drake & Scull International  
**Projects** :

- Diyar Qataria (Nile Cornish Project)
- Sharm El-Sheikh Royal Resort
- El Rahma International Hospital

**Job title** : Technical Office Engineer (Procurement & Submitting)

**Dates** : From Aug. 2012 till Jan. 2013  
**Employer** : Focus – Bin laden International Group  
**Project** : Holy Mosque Project  
**Job title** : Mechanical Engineer

**Dates** : From Dec. 2011 till Jul. 2012  
**Employer** : NewCooler for Civil & Electromechanical works  
**Projects** :

- Al Shohadaa Metro Station
- ROYAL PLAZA MALL
- El Dabaa general hospital
- Mega Cultural Center at Port Said
- EL HARAM general hospital
- Sharm El-Sheikh general hospital
- BET EL EZZ Mall in Cairo
- WADI EL NIL CEMENT FACTORY
- El Khalifa El Ma'mon office building

**Job title** : Mechanical Technical Office / Estimation Engineer

**Field of experience** :

- Technical Procurement & Local Procurement.
- Mechanical estimation for tenders.
- MEP Technical Office & Technical Support.
- Project controls (planning, cost control & good knowledge of contracts).