

**105672-MEC-568CDE-E-2012**  
**Technical Office Team Leader Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years hands-on experience working mainly in technical office and design.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 10/06/1988  
Gender : Male  
Marital Status : Married  
Residence : Obour City, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2012

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD  
: Revit MEP  
: MEP design tools (HAP - Duct Sizer - Elite Fire - SprinkCAD - etc.)

## TRAINING COURSES AND CERTIFICATIONS

: Revit MEP  
: Plumbing Systems design at MTC.  
: HVAC Systems design at SMG.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2016 till now  
**Employer** : PRO-TEC Egypt  
**Job title** : Technical Office Team Leader Engineer  
**Job Description** :

- All technical office engineer duties (described below).
- Review the tasks of technical office engineers team.
- Attend the technical meetings.

- Study, discuss and prepare the technical offers for tenders.
- Technical support for new engineers and other divisions.

- Dates** : From Nov. 2013 till Dec. 2015
- Employer** : PRO-TEC Egypt
- Projects** :
  - EHC Egypt Hydrocarbon Plant
  - ZOHR RMU 211
  - Rehabilitation and Expansion of Cairo International Airport Terminal Building No. 2
  - Grand Egyptian Museum
  - New DAR AL FOUAD Hospital
  - New Giza University
  - Zewail City of Science and Technology
  - TAHRIR Car Park
  - AL-DIWANIYA Power Plant
- Job title** : Technical Office Engineer
- Job Description** :
  - Design different firefighting systems:
    - Water systems.
    - Gaseous systems (CO<sub>2</sub> - FM 200 – NOVAC – Inergen).
    - Foam systems.
    - Wet and dry chemicals.
  - Prepare the hydraulic calculations for the different firefighting systems using the listed manufacturer design software.
  - Design fire detection and alarm systems (Conventional and addressable).
  - Prepare fire alarm Battery and Power Supply calculations using the listed manufacturer design software.
  - Prepare shop drawings, as built drawings and coordinate with other departments.
- Dates** : From Jan. 2013 till Oct. 2013
- Employer** : SHM Industries Co.
- Job title** : Maintenance Engineer
- Job Description** :
  - Installation of Dispensers & Submersible pumps in fuel stations.
  - Maintenance the mechanical parts of dispensers & Submersible pumps.
- Field of experience** :
  - Advanced in firefighting systems design.
  - Advanced in NFPA Codes and standards searching.
  - Familiar to the different MEP Codes (ASHRAE - SMACNA - IPC - etc.).