

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years hands-on experience working in construction and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/02/1992
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Arab Academy for Science, Technology and Maritime Transport, 2015

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Matlab
: Fire Elite
: Photoshop
: Revit
: HAP

TRAINING COURSES AND CERTIFICATIONS

: Gambit and fluent (computational fluid dynamics (CFD)) course.
: 10 weeks Mechanical Diploma (firefighting - plumbing - Revit -HVAC).
: Simply using Arduino.
: Car repair and maintenance.
: Revit course, Cad Master Company.
: 3 weeks training at Schlumberger Company for petroleum service.
: 3 weeks training at Training Seaports Institute.
: 5 weeks training on firefighting system at Engineers House.

: 5 weeks training on plumbing system at Engineers House.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2019 till now
Employer : EGY-MAINT for Engineering & Contracting
Job Description :

- Working as Technical Office Engineer, preparing shop drawing for all mechanical works (firefighting, HVAC, plumbing, Medical gas, fire alarm and composite drawing).
- Preparing all mechanical calculation such as (fire elite hydraulic calculation, HAP calculation, calculation for Booster pump and submersible pump).
- Preparing tender document for all mechanical work.
- Coordination for all MEP systems in (Kafr El-Sheikh oncology hospital project).
- Coordination for all infrastructure systems in (Hyde park project).

Dates : From Jul. 2016 till Feb. 2019
Employer : Nile Company for firefighting (NCFFT)
Job Description :

- Technical Office Engineer:
 - Katamyia Clinic Hospital in New Cairo.
 - Khanka Hospital in Khanka.
 - Ngila Hospital in Matrouh.
 - Military Airport in Siwa.
 - Masaya factory for Fertilizers in Sadat.
 - Watnia factory for Fertilizers in Sadat.
 - Edfo Hospital in Aswan.
 - Manflout Hospital in Assiut.
 - October Hospital in October.
 - Port Said Hospital in Port Said.
 - Kha Hospital in Kha City.
 - Sidibrany Hospital in Sidibrany.
 - Kafr El-Sheikh Hospital in Kafr El-Sheikh.
- Mechanical Site Engineer (supervision, implementation):
 - Generally responsible for implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
 - Estimate, prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
 - Familiar with all the Mechanical Engineering methodologies as well as the corresponding equipment, materials, consumables, tools and manpower allocations related to Mechanical works for building projects.
 - Well versed in interpreting and executing Mechanical related drawings.
 - Projects:
 - ❖ Military Airport in Siwa.
 - ❖ Masrya factory for Fertilizers in Sadat.

- ❖ Katamyia Clinic Hospital in New Cairo.
- ❖ Ngila Hospital in Matrouh.

- Further experiences :** Part Time Jobs:
- Mouse Tower in Saudi Arabia.
 - Abo Ghaly Company in Obour City.
 - Bnha Mall for electrical services.
 - Myziny factory in Obour City.
 - Alkmony for car services in Mhla.
 - Alfyoom Mall in Fayoum.

- Field of experience :**
- Participate in implementing technical office policies and procedures
 - Study the project contract documents (time schedule, project design).
 - Study and prepare requests for information (RFIs) for all missing, unclear, conflicting or other technical matters that may arise during construction.
 - Prepare shop drawings to (firefighting, HVAC and plumbing systems), coordinate their approval process with the project and hand over the approval drawings to site engineer.
 - Prepare composite drawing to the mechanical work above false ceiling (HVAC, firefighting, plumbing, Drainage and medical gases).
 - Prepare as-built drawings at the end of the project and hand over to the project consultant.
 - Preparing tender documentation including cost summary, sheet, risks assessments and approval documentation.
 - Submitting complete tender proposal to meet customer deadlines.
 - Build and maintain pricing / estimating data bases and ensure outturn costs are captured and fed back.
 - Using Fire Elite program for hydraulic calculation, design firefighting systems, pump rooms and water tank, bill of quantities.
 - Design the HVAC system using HAP software for load calculation, duct design by Macway software, pipe sizing, and distribution of air outlet, chiller selection and fan coil selection.
 - Using AutoCAD to Coordinate all mechanical work above false ceiling (HVAC, firefighting, plumbing, Drainage and medical gases).