

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years experience working in construction and HVAC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/07/1994
Gender : Male
Marital Status : Single
Residence : Maadi, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D
: AutoCAD Plant 3D
: Revit
: PIPENET Sunrise

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- Egypt Air for ground services (Aug. 2014 and Aug. 2016).
- Petroleum Air Services (PAS) (Aug. 2014 and Aug. 2016).
- Producing Electricity West of Cairo (Jul. 2014).
- Egyptian National Railways (Sep. 2015).
- Helwan Company for Diesel Engines.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2021 till now
Employer : Dar Al-Handasah
Project : Borg Al Arab International Airport - Jet fuel hydrant system

Job title : Mechanical Engineer
Job Description :

- Review the Contractor's installation method statements.
- Review Contractor's proposed subcontractor(s) associated with the engineering works from a technical standpoint.
- Review and comment on the Contractor's testing and commissioning results and advise the Project Director accordingly.
- Attend project, site progress, and any mechanical services-related technical meetings.
- Review and comment on the Contractor's Operation and Maintenance manuals.

Dates : From Aug. 2021 till Nov. 2021
Employer : Arab Contractors
Project : Sharm El-Sheikh International Airport Development Phase 2 Project
Job title : Mechanical Engineer
Job Description :

- Manage directly and provide engineering and technical support to all the mechanical / electrical contractor teams at the site.
- Support the MEP Client Engineers of Egyptian airports company in accomplishing all the goals and targets for the mechanical / electrical scope at the project.
- Provide technical advice to staff designer, supervisor, inspector, and contracting service provider, regarding installation and maintenance of MEP System.
- Manage the day-to-day work of the MEP team.
- Review the Contractor's installation method statements.

Dates : From Mar. 2019 till Aug. 2021
Employer : Al Majd Warner Lewis, Egypt
Job title : Mechanical Engineer
(Site Engineer / Coordinator Engineer / Commissioning Engineer)
Job Description :

- Develop skills in performing design and execution Airport Aviation Fuel Systems.
- Review basic design drawings, P&IDs, layouts, operation philosophy. Adhere to strict quality codes / standards such as (JIG, API, EI, UFC, ASTM, ASME, AWS, etc.).
- Familiarity with Aviation Fuel Systems & Equipment's (Fuel Farm, Loading & Unloading stations, Test Rig, Recovery system, Hydrant System, Cathodic Protection, Low & High points, Leak Detection System, Coating, Valve Chambers, Hydrant Pits, pumps, Filters, Tanks, DBBV, Control Valves and in line components).
- Managed and interpreted all technical drawings.
- Skilled to take project from conceptualization to implementation.
- Pricing, Estimating, Cost Control, Value Engineering, Directing & Planning activities, Evaluations of Subcontractors & Suppliers with their commercial & Contractual deviations.
- Plan, schedule, assign work, establish priorities, control expenditures, and take appropriate measures to ensure work is completed on schedule and within cost estimates.
- Act as a point of contact & work with the top management.
- Supervise tender documentation including cost summary sheets, risk

assessments, and approval documentation.

- Preparing technical, financial offers for new projects.
- Any other duties and responsibilities consistent with the role of Chief Mechanical Engineer or as assigned by the company management.
- Receiving project updates or feedback, and make sure getting all the necessary information to start executing the project processes.

Dates : From Mar. 2018 till Mar. 2019
Employer : Egyptian Army
Project : Military Service

Dates : From Jan. 2017 till Dec. 2017
Employer : Testing, Adjusting and Balancing Services Company (TAB) for HVAC system
Job titles : Mechanical Site Engineer / Commissioning Engineer
Job Description : Testing, adjusting, balancing and commissioning for HVAC system in mega projects such as (MALL OF EGYPT – AUC – Qatari Diar St. Regis Nile Corniche PROJECT – Al-Shabab Power Station – Madinaty Squash Building).

List of Recent Projects:

- Borg Al-Arab International Airport (2021/2022) (Egypt)
- Sharm El-Sheikh International Airport Development Phase 2 (2021/2022) (Egypt)
- Malabo International Airport Fuel Hydrant System (2020/2021) (Equatorial Guinea)
- Hurghada International Airport - Commercial Aviation Fueling System (2019/2021) (Egypt)
- Dirab Airbase - Military Aviation Fueling System (2019/2020) (KSA)
- Fuel Oil System for Electrical Substations of Green River in New Capital (2021/2022) (Egypt)
- Pre-insulated Pipelines for Suez Medical Complex Building (2021/2022) (Egypt)

Prepared scope of project, proposals & bidding for the following projects:

- New Jizan International Airport Jet Fuel Hydrant system – KSA.
- UFC Fuel Hydrant Loop for Al Dhafra Airbase – Abu Dhabi.
- Fuel oil system, water and wastewater stations and MEP projects.
- Pre-insulated pipelines for HVAC system in New Capital & New Al-Alamain.

Field of experience :

- Aviation Fuel Facilities.
- Civil & Military Airports Aviation fuel systems.
- MEP Projects & Fuel oil systems.
- Test, commissioning and balancing for HVAC system.
- Pre-insulated pipelines for HVAC system.
- Technical office skills.
- Tendering & Bidding skills.

- Procurement Skills.