

Mostafa Gamal Abd-El Mawgood

◆ Al-Riyadh

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Career Objective :

Mechanical Power Engineer with experience in mechanical systems design and technical office work, including drawings and tendering. BIM MEP certified with skills in modeling, coordination, and project management. Strong leadership and organizational abilities to ensure smooth team coordination and efficient project delivery.

Experience details:

BECT

Engineering Consultants

Saudi Arabia

Makkah

01/2025 - present

Job Role:

- Supervision of all Ministry projects, covering mechanical works: HVAC, firefighting plumbing, irrigation, and elevators
- Review and approval of design/shop drawings and material submittals for mechanical systems
- Site inspections, quality control, and technical evaluation to ensure compliance with specifications
- Coordination with contractors, participation in meetings, and final handover of completed work

Projects

- MINISTRY OF HAJJ AND UMRAH projects (new branches or development of existing branches)

FADHA

Engineering Consultants

Saudi Arabia

Al-Riyadh

06/2024 – 12/2024

Job Role:

- Prepared comprehensive tender documents for all mechanical works (design, BOQ, specifications, etc.) for Social Development Bank projects, including new branch constructions and renovations of existing branches.
- Monitored and followed up on site activities post-contractor approval to ensure compliance with project specifications and timelines

Projects

- Involved in Social Development Bank projects, encompassing the construction of new bank branches as well as the development and renovation of existing facilities.

Fourth Pyramids

Company

Saudi Arabia

Al-Riyadh

10/2023 – 05/2024

Job Role:

- HVAC & Fire Fighting and Plumbing Engineer
- Preparing and submitting the technical and financial offer.
- Follow up the site's work.

Projects

- Diriyah Gate Development Authority (Golf course Project)
- Roshan Welcoming Centre

SFC Limited Company

Saudi Arabia- Khamis

Mushait

1/2022 – 9/2023

Job Role:

- HVAC, Fire Fighting, and Fire Alarm Engineer (Design & Site)
- Prepared and submitted technical and financial proposals.
- Managed procurement and inventory control
- Supervised on-site installation and progress.

Consulting office
“GID”

Heliopolis, Cairo.
2/2020 – 12/2021

Job Role:

- Prepared and documented technical submittals, BOQs, and design deliverables in alignment with project requirements.
- Reviewed and approved shop drawings to ensure compliance with design standards and project specifications.
- Supervised and inspected on-site installation of HVAC, Fire Fighting, and Plumbing systems to ensure quality execution and adherence to approved plans.

Project : National Training Academy (VRF System

VISION COMPANY
Alexandria

12/2018 – 1/2020

TECHNICAL OFFICE Mechanical Engineer :

Job Role:

- Conduct detailed design reviews and prepare accurate shop drawings for HVAC and Fire Fighting systems.
- Perform technical calculations, including static pressure analysis and pump head sizing.
- Execute comprehensive quantity surveying for all BOQ items to ensure precise material estimation and cost control.

Project : Egypt-Japan University of Science " chiller system"

PETROMAINT
Alexandria

09/2017 - 11/2018

HVAC Maintenance Engineer

Operating and maintenance for all types of HVAC systems :

Split units – Dx Unit – Air Cooled and Absorption Chiller – Pumps – Firefighting System

**MIDDLE EAST
COMPANY FOR AIR
CONDITIONING**

01/2016 – 08/2017

HVAC MECHANICAL ENGINEER

Working at the field of HVAC as a site & Design engineer :

- Plastic Factory in 5th Avenue "DX system"
- Faculty of veterinary medicine "DX system"
- British school in the 5th Avenue "VRF system"
- "El-Fayrouz Club" in New Ismailia "DX system"
- Ahly Bank Beni Suef "VRF system"

EDUCATION
2009 – 2014

ASWAN UNIVERSITY

Bachelor’s Degree in Mechanical Engineering

**CERTIFICATES
AND TRAINING**

- **BIM MEP Diploma** – Niqat Training Center, 2025
- **HVAC, Fire Fighting & Plumbing Course** – Creative Group
- **AutoCAD Training Course** – Aswan University, 2011

SKILLS

- Basic knowledge of electrical and control systems
- Proficient in computer usage and general software applications