

AYMAN MOHAMED EL-KOUMY

**Management of construction projects, utilities and maintenance - (Mechanical Engineer).
(PMP)®- Authorized person MGPS- Competent person MGPS.**

Phone: +966 (0) 503825045 / (0) 555205798

E-mail: ayman7421@yahoo.com

Marital status: married,



SUMMARY OF EXPERIENCE:

Mechanical engineer with over 25 years of comprehensive experience across contracting, consulting, utilities, and maintenance divisions, with strong expertise in healthcare facilities. Proven record of accomplishment in managing and supervising mechanical installations and maintenance works, including HVAC, plumbing, firefighting systems, and medical gas systems, in compliance with international codes and standards such as ASHRAE, SMACNA, NFPA, IP Code, and HTM 01/02.

Holds a bachelor's degree in mechanical engineering and is certified as a project management professional (PMP-PMI), as well as certified by the Saudi Council of Engineers, with a specialization in healthcare facility management and commissioning. Moreover, experienced in the successful delivery of medical, industrial, and residential construction projects.

Currently serving as Supervisor – Plumbing & Medical Gas Sections (Maintenance Division) at King Faisal Specialist Hospital & Research Centre (KFSH&RC), Riyadh, with positions of experience of :

- **Supervisor, Plumbing & Medical Gas Sections—Maintenance Division. (KFSH&RC.) (Sep. 2020 till date).**
- **Shift Supervisor of Power Plant Operation, - Utilities Division. (KFSH&RC.) (July 2016 to Aug. 2020).**
- **Senior Mechanical Engineer, Projects Supervision Department (KFSH&RC.) (July. 2012 to July 2016).**
- **Senior Mechanical Engineer, Construction-Contracting projects. (Jan. 2000 to May 2012).**
- **Mechanical Design Engineer, Consultant Office (Jan. 1998 to Dec. 1999).**

EDUCATION & CREDENTIALS:

- **Bachelor of Engineering in Mechanical Power: 1997: Helwan University, Cairo, Egypt.**
- **Certified Project management professional (PMP)®– 2025.**
- **Certified Authorized Person, Medical Gas Pipeline Systems (MGPS) (HTM02-01): MediGAS UK Training, United Kingdom- 2025.**
- **Certified Competent Person, Medical Gas Pipeline Systems (MGPS) (HTM-02): Eastwood Park Training, United Kingdom -2022.**
- **Introduction to Project Management: KFSH Planning & Monitoring Dept.: 2013**
- **Commissioning Management Course: KFSH&RC – 2012.**
- **Healthcare Facilities Project Day Conference: King Fahd Medical City – 2011.**
 - **Air-Conditioners Energy Efficiency Regulations and Implementation Workshop: Ministry of Water & Electricity – 2011.**
- **Certified member of Saudi Council of Engineers: Specialization: Mechanical Engineer.**

COMPUTER SKILLS:

- AutoCAD.
- HVAC Cooling Load Estimation program.
- Microsoft office.

PROFESSIONAL EXPERIENCE:

1- KING FAISAL & RESEARCH CENTER SPECIALIST HOSPITAL (KFSH&RC.) - RIYADH: (July. 2012 to date):

1.1- Supervisor of Plumbing Services & Medical Gases Sections, Maintenance Division: (Sep. 2020 to date):

- Supervise, coordinate, and strategize corrective and preventive maintenance activities for medical gas plants, including vacuum, compressed air, and WAGD (Waste Anesthetic Gas Disposal) systems, ensuring maximum productivity and efficiency of equipment and network accessories.
- Maintain water and steam distribution networks, including associated heat exchanger devices, to ensure reliable operation and performance.
- Oversee maintenance and repair of sanitary fixtures and network pipelines for various systems, including domestic water, firefighting, irrigation, drainage, and storm water systems, ensuring optimal functionality and efficiency.
- Provide administrative and technical support to the Department Head, assisting in the implementation of hospital and departmental policies and procedures.
- Prepare the section's budget to procure necessary equipment, materials, and resources within the annual estimated budget.
- Instruct, train, and evaluate employee performance, taking corrective actions as necessary to ensure high standards of work quality and professionalism.
- Recommend personnel actions such as hiring, promotions, disciplinary actions, and merit increases to maintain a productive and motivated workforce.

1.2- Shift Supervisor of Power Plant Operation, Utilities Division: (July 2016 to Aug.2020):

- Supervise the operation and maintenance of machinery and equipment that provide steam, water, compressed air, LPG, oxygen, and other essential utility services.
- Direct daily operational activities of staff members, ensuring efficient task execution and adherence to operational standards.
- Coordinate interdepartmental joint work efforts, establish work priorities, and promote collaboration to meet organizational goals.
- Oversee the safe and proper operation of all plant equipment, ensuring the effective operation and maintenance of utility production systems.
- Review and monitor the Building Management System (BMS) to ensure optimal performance and identify areas requiring attention.
- Issue work permit requests for equipment maintenance and construction projects, ensuring compliance with safety protocols and proper documentation.
- Coordinate the equipment's system clearance requests and ensure the complete and safe isolation of systems undergoing repair, servicing, or modification.
- Lead and participate in disaster drills and the implementation of contingency plans to ensure preparedness for emergencies and minimize operational disruptions.

1.3- Mechanical Engineer, Projects Engineering Department (July. 2012 to July2016) :

- Manage and supervise mechanical construction projects for HVAC, plumbing, firefighting, and medical gas systems, ensuring compliance with applicable international and local codes and standards across various construction initiatives.
- Key projects include:
 - Civil Defense Requirements @K.A.C. Housing Building Project.
 - Installation of Fire Alarm System KAC Building Project.
 - Replacement of chillers and AHU'S (East Wing, D complex & Admin. Building).
 - Fire Suppression System Rehabilitation (Research Center) Project.
 - Construction of Multi Story Parking Project.
 - KFSH-EAST MAIN GATE UPGRADING.
 - King Faisal Heart Center Expansion Project.
 - Construction of Tuberculosis laboratory Project.
 - Rehabilitation of A. C. Sys. In F-Complex, warehouse, logistic & East- Buildings.
 - New mini mart & expansion of the masjid.

2. Merfal Contracting Co., Riyadh: Senior Mechanical Engineer (Mar. 2010 to May 2012):

- Supervise the implementation and installation of mechanical works in accordance with contractual obligations, international standards, and local construction codes.
- Lead a team of technicians to execute various mechanical tasks specified in the contract, ensuring quality and compliance with project requirements.
- Manage technical office responsibilities, including:
 - **Shop Drawings:** Prepare and review detailed shop drawings to align with project specifications.
 - **Material Approvals:** Coordinate approvals for materials, ensuring they meet project and industry standards.
 - **Claims:** Develop and process claims for project variations, adhering to contractual guidelines.
 - **Testing and Commissioning:** Oversee and validate the testing and commissioning of mechanical systems to ensure optimal performance and compliance with design criteria.
- Key projects include:
 - **KFSH & RC – Comparative Medicine Labs Building:** (PL, HVAC, firefighting, and medical gas systems)
 - **Ministry of Interior (M.O.I.) – Extension Tower Project:** Supervised plumbing (PL), HVAC, and firefighting systems.

3. AL-AKEEL Contracting Establishment, Dammam: Senior Mechanical Engineer (Dec. 2002 to Dec. 2009)

- Supervise the implementation and installation of mechanical works in accordance with contractual obligations, international standards, and local construction codes.
- Lead a team of technicians to execute various mechanical tasks specified in the contract, ensuring quality and compliance with project requirements.
- Manage technical office responsibilities, including:
 - **Shop Drawings:** Prepare and review detailed shop drawings to align with project specifications.
 - **Material Approvals:** Coordinate approvals for materials, ensuring they meet project and industry



THIS IS TO CERTIFY THAT

AYMAN MOHAMED ELKOUMY

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL PROFESSIONAL CERTIFICATION

Project Management Professional (PMP)[®]

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

A handwritten signature in black ink, reading 'Ike Nwankwo'.

Ike Nwankwo, PMP | Chair, Board of Directors



A handwritten signature in black ink, reading 'Pierre Le Manh'.

Pierre Le Manh | President & CEO

Certification Number: 4220419

Original Grant Date: 21 October 2025

Expiration Date: 21 October 2028

Citizenship: Egypt





This is to certify that:

Ayman Mohamed Elkoumy

Has successfully completed:

**(S)HTM02-01; Part B, Section 7
MGPS Authorised Person Comprehensive**

Certificate number: **2944**

Date of completion: **24/05/2025**

David Sorrigan

Bsc (hons) MBA, Company Director

This certificate is valid for three years from the date of completion

To check the validity of this certificate please contact MediGAS UK Ltd.

This certificate remains the property of MediGAS UK Ltd



CERTIFICATE OF TRAINING

Ayman Mohammed Elkomy

has successfully completed

Competent person MGPS (HTM 02)

and has been assessed in their ability to:

- Identify relevant medical gas cylinder colour codes
- Correctly service a range of medical gas terminal units
- Carry out fluxless brazing to HTM 02 standards
- Provide competent assistance to the Authorised Person during the execution of engineering tests
- List the duties of a Competent Person in accordance with HTM 02
- Identify potential hazards and adopt safe working procedures when working on piped medical gas systems
- Summarise the medical gas pipeline systems 'Permit to Work' scheme
- Describe the main components associated with medical gas pipeline systems

Awarded: 4th - 8th July 2022

Enrolment No: GHD8587

Chief Executive Officer:



John Thatcher Health Technical Memoranda (HTMs)

Eastwood Park

training

recommends that refresher training is conducted every three years.





مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
مؤسسة عامة - Gen. Org.
رمز (١٧١)

To whom it may concern:

Experience Certificate

This is to certify that **Eng. Ayman Mohamed Elkomy** is an employee of **KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTRE** at **Projects supervision department (PRSD)** since 1/7/2012 up to 17/7/2016.

He was **project manager & senior mechanical engineer**, an honest and good behavior with the others, his expertise in different mechanical engineering aspects such as (HVAC, FF, PL & Med. Gases) was excellent, he handled his duties in professional manner, his attitude to resolve project related issues has always been positive and constructive.

****List of the Projects, which have been handled by Eng. Ayman:**

- Rehabilitation of A. C Sys. in F-Complex ,ware house, logistic B. & East- B. (P. Manager)
- Civil Defense Requirements @K.A.C. Housing Building Project. (P. Manager).
- Installation of Fire Alarm System KAC Building Project. (P. Manager).
- Replacement of chillers and AHU'S (East Wing, D complex & Admin. B.). (P. Manager)
- Fire Suppression System Rehabilitation (Research Center) Project. (P. Manager).
- Rehabilitation of Inpatient Mosque. (Sen. M .E)
- Repair of KAC BUILDING COURTYARD FLOOR AND NEW GREEN HOUSE (Sen. M .E)
- Construction of Multi Story Parking Project. (Sen. M .E)
- KFSH-EAST MAIN GATE UPGRADING. (Sen. M.E)
- King Faisal Heart Center Expansion Project. (Sen. M.E)
- Construction of Tuberculosis laboratory Project. (Sen. M.E).
- NEW MINI MART / RESTROOM & EXPANSION OF MASJID. (Sen. M.E)

This certification is being issued upon request of the employee for whatever lawful purposes it may serve.

5/6
Saad Albahli
Executive Director, Facility Management
Facility Management - Corporate



التاريخ: 2012/6/16

شهادة خبرة

بهذا نفيذكم نحن شركة مرفال للاستثمار العقاري بان المهندس / ايمن محمد احمد الكومى -مصرى الجنسية ويحمل جواز سفر رقم A.01066994 ج.م.ع.

قد عمل لدى الشركة فى الفترة من 2010/12/15 وحتى 2012/6/30 بمهنة مهندس ميكانيكا بمشاريع الشركة المختلفة وكان مثالا لتأدية واجباته على اكمل وجه وكان حسن السلوك مع زملاؤه ومع الجهات الاستشارية المتولية الاشراف لتلك المشاريع وقد اعطيت له هذه الشهادة بناء على طلبه ودون ادنى مسئولية على الشركة

شركة مرفال للاستثمار العقاري

محمد عوض الحبردى



Merfal Real Estate investment Co.

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رقم الترخيص: ١٧٧١٩٦
تحت ملكه (عبيد) المعجزة
ص.ب. ٩٣٣ الرياض ١١٣٢١



مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
مؤسسة عامة Gen. Org.

DATE: 1/06/2009

To Whom It May Concern

EXPERIENCE CERTIFICATE

Mr. Ayman El-koumy , Mechanical Engineer has been working on various KFSH&RC projects as Site Engineer through Al-Akeel Contracting Establishment , for the previous (7) years . His expertise in different mechanical engineering aspects; such as air conditioning, piping, medical gases, fire fighting, etc., is excellent, and he has handled his duties in a real professional manner. His attitude to resolve project related issues has always been positive and constructive. This certificate is being provided on the employee's request.

List of the project which supervised by him:

- 1-North Tower Project.
- 2-VIP Residential Villa Renovation Project.
- 3- Gas station Relocation & Reconstruction Project.
- 4-B-Complex Building Renovation Project.

Eng.: Mohamed Adeeb Sager
Director
Project Management dep.



