

## **Haitham Mohamed Adel Ibrahim**

**Senior Mechanical Engineer (FE, CHD, CWBSP, LEED-AP, PMP)**



### **Personal Data**

- Mobile: (002) 01118170003 WhatsApp
- E-mail: [ihaitam159@gmail.com](mailto:ihaitam159@gmail.com)
- Date of Birth: 16/02/1983.
- Nationality: Egyptian.
- Military Status: Exempted.
- Religion: Muslim.

### **Education**

- Faculty of Engineering, Mechanical power department  
2007                      Cairo University                      Egypt
- Fundamental of Engineering for Mechanical Department (FE)  
National Council of Examiners for Engineering and Surveying (NCEES)
- Certified HVAC Designer (CHD)  
American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)  
Issued (18 OCT 2024 ) Valid Through (31 DEC 2027)
- Certified Water-Based Projects Professional (CWBSP)  
National Fire Protection Association (NFPA)  
Issued (03 MAR 2021 ) Valid Through (02 MAR 2027)
- LEED AP BD+C  
Issued (23 JUN 2024) Valid Through (22 JUN 2026)
- Certified Project Management Professional (PMP)  
Issued (05 AUG 2020) Valid Through (04 AUG 2029)

## **MEP Courses**

### **HVAC Courses**

HVAC Control & BMS Diploma- HVAC Applications -Principles of Air Conditioning Design-Healthcare HVAC Design Basics- VRF System-Data Center Essentials: Mechanical & Cooling.

### **Plumbing Courses**

Water Supply System – Drainage System -Pools and Water Features – Compressed Air System – Gas System – Fuel System – Steam System - Medical Gas– Lab Gases.

### **Fire Fighting Courses**

Sprinkler System – Standpipe System – Fire Hydrant – Fire Pumps and Tanks – Water Spray System – Water Mist System – Foam System -Warehouse fire System – Gas Fire Projects & Fire Extinguisher – Fire Alarm Projects- Fire Fighting Work Shop

### **Revit MEP Courses**

MEP BIM Engineer – MEP BIM Specialist –Revit BIM Manager – Navisworks.

### **Other Courses**

Mechanical Cost Estimation Course – Procurement Course.

## **Experience**

**Worked in United Group Company for Electro-Mechanical Works since (9/2023 until now).**

**- Senior Mechanical Technical Office Engineer, LEED Coordinator**

\*Responsible for leading and managing the shop drawing, coordination, and execution of mechanical projects on construction projects.

\*Manage clash detection (using Navisworks and Revit).

\*Oversee MEP project schedules and budgets.

\*Monitor site progress and ensure timely completion.

**Worked in AAW Consult since (9/2021-9/2023).**

**- Senior Mechanical Design Engineer**

\*Review and approve Mechanical designs (HVAC, plumbing, firefighting)

\*Ensure designs comply with local codes and client requirements.

\*Coordinate with architects, civil engineers, and other disciplines.

\*Designed a lot of projects in KSA and Gulf countries for example (Multi story parking for (RC)- The Visitor Building in King Fahd Complex for the Printing of the Holy Qur'an- shop drawing for KAP5).

**Worked as Freelancer Mechanical and Coordination Engineer since (1/2020-8/2021).**

\*Prepare shop drawing plans for Mechanical and composed works

**Worked in United Group Company for Electro-Mechanical Works since (8/2016-12/2019).**

**- Mechanical Technical Office Engineer**

\*Prepare shop drawing plans for Mechanical and composed works

\*Oversee MEP project schedules and budgets.

\*Monitor site progress and ensure timely completion.

**Worked in EM Electromechanical Technical Office Since (7/2013-7/2016)**

**- Senior Mechanical Technical Office Engineer**

\*Prepare shop drawing plans for Mechanical and composed works

**Worked in Misr Consult since (2/2009-6/2013)**

**- Senior Mechanical Design Engineer**

\*Design plumbing and firefighting projects.

\*Ensure designs comply with local codes and client requirements.

\*Conduct site inspections and audits to ensure installation meets design specifications and quality standards.

**Worked in Saleh & Hegab (Banks Section) since (10/2007 -1/2009)**

**- Mechanical Design Engineer**

\*Mechanical designer, Inspection and Testing HVAC, Fire Fighting and Plumbing Projects.

## **Skills**

### ○ Soft Skills

Problem Solving, Decision Making, Time Management, Multitasking, Communication, Presentation Skills, Leadership, Team Collaboration, Attention to Detail and Conflict Resolution

### ○ Language Skills - Arabic: Mother Language English: Good

### ○ Computer Skills

Revit MEP – Navisworks – AutoCAD – HAP -ELITE -Other Mechanical Programs- MS Office.