

Haitham A [REDACTED]

Mechanical Project Engineer / HVAC Engineer / Facility Engineer

Doha, Qatar - [REDACTED]

PROFILE SUMMARY

Over 15 years of experience in analysis and design of HVAC systems; preparation of tender documents; review of drawings and specifications; material submittals; evaluation of contractors' bids related to Mechanical systems for various projects & Supervise and schedule mechanical maintenance works.

QUALIFICATIONS

- August 2019: LEED AP (O&M) Leadership in Energy & Environmental Design by USGBC (US Green Building Council).
- Jan 2016: PMP Project Management Professionals by (PMI) Project Management Institute.
- Jan 2013: LEED AP (BD&C).
- Oct 2009: EIT (Engineer in training)/Fundamentals of Engineering for US Engineering Licensure by the American University in Cairo.
- June 2008: Bachelor of Science, Faculty of Engineering, Ain Shams University, Cairo, Egypt.
 - Major: Mechanical Power.
 - Graduation Project: District cooling system for Smart Village in Cairo.

PROFESSIONAL EXPERIENCE

- **Mechanical project Engineer** **July 2014 – Present**
Campus Facilities Department, Qatar University, Doha, Qatar.

Duties:

- Coordinate and follow up; operation, maintenance, and repair activities to obtain optimum utilization of mechanical equipment, also supervise construction projects.
- Establish the project resources planning to gain optimum use of an organization's most valuable asset by identifying the project demand of facilities and labor, analyzing utilization and requirements.
- Monitor and commission mechanical plants to improve operational effectiveness and reliability and recommend modifications.
- Develop; coordinate all aspects of preparing material, including selection of mechanical machines.
- Design mechanical systems, equipment and plants.

- Undertake effective planning and prioritization of workload wherever necessary to ensure that resources are used to optimum effect and organizing mechanical team to make sure 24-hour cover is available.

Achievement:

Project engineer for modification, retro-commissioning works, tender preparation and evaluation:

- Replacement of AHU/FCU for many buildings in the campus.
- Upgrading of Animal research lab Facility to gain the international accreditation.
- Integrity test for FM200 rooms in the research complex building.
- LEED O&M for 3 buildings in the Campus.
- Participating in hanging over stage for many educational building projects.

- **HVAC Design Engineer** Dec 2010 – April 2014
ECG (Engineering Consultants Group), Cairo, Egypt.

Duties:

- Carries out of HVAC works: drawings, calculations, selection programs and building simulation, preparation of technical reports, bills of quantities, cost estimation and tender documents.
- HVAC trainer in UTW (university to work) for new graduate students.
- Coordinator for LEED projects (Guidance and documentation).

Achievement:

Participate in HVAC system design and produce of tender’s document for the many projects: 2 VRV systems project, 3 District cooling projects, 2 Absorption Chiller projects, 2 Water Cooled Chiller projects, 6 Air Cooled Chiller projects & 4 Package Units projects.

- **2 LEED projects** as follow:
 - Detailed design for CREDIT AGRICOLE head office (LEED NC GOLD V.3)
 - Maadi Contact Center Business Park, Cairo. (LEED NC SILVER V.3)

- **Mechanical Engineer** Dec 2008 – Dec 2010
ABB Contracting “ABACON”, Cairo, Egypt.

Duties:

- HVAC Design & Preparation of B.O.Q, Shop drawing, as-built drawings production and reviewing of all mechanical tenders document.

Achievement:

Shared in redesign and supervise the mechanical system and produce of shop drawings for many projects: 3 Pharmaceutical Industries, 3 Electrical Substations, 4 Factories & 1 hospital.

SKILLS

Computer: MS – Office, Autodesk Inventor, AutoCAD, Revit, HAP & Mind Mapping.

Languages:

- Fluent in Arabic & English.
- Fair in German & Turkish

TRAINING COURSES

- June 2021: 3D printing by Prusa
- 2018: STEM Project Based Learning - Rwaq
- May 2016: Smart Sustainable Cities Conference by QGBC (Qatar Green Building Council)
- April 2015: Building Analysis Using IES <Virtual Environment> Software Training by Qatar Green Building Council.
- Nov 2014: Centrifugal Chiller Fundamentals by Daikin Applied Learning Institute
- July 2009: Fire Fighting & Plumbing by Egyptian Syndicate of Engineers
- March 2008: Piping by Faculty of Engineering, Ain Shams University
- Feb 2007: Basic Hydraulic Systems by Yasser Fahmy Hydraulic Eng.

PERSONAL DATA

Date of birth : November 29, 1985.

Nationality : Turkish / Egyptian.

References Furnished Upon Request