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| **Name** | **YAHYA AMER ALZUHAIRY** |
| **Nationality** | **Iraqi** |
| **Specialization** | **Management, Design & Supervision of MEP Engineering for industrial Projects Building** |
| **Position in the latest Firm** | **Senior Mechanical engineer** |
| **Mobile** **Email**  | **+9647702910008****net8yahya@gmail.com** |
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**EDUCATION:**

**LANGUAGE**

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# MEMBERSHIP

# SUMMERY

* **M.Sc. in Business Administration from Hill University of USA 2013/14**
* **B.Sc. in Mechanical Engineering, Baghdad University of Iraq, 1996/97**
* **CMAA certificate Dec.2013**
* **Arabic:** Native Language
* **English:** VeryGood in Reading, Speaking & Writing
* **Turkish:** VeryGood in Reading, Speaking & Writing
* **CMAA. Advancing professional construction management membership**
* **Society of Engineering-UAE Mem.No:17331**
* **NFPA Membership no.2472880**
* **ASHRAE Membership**
* **Professionally Registered Member of Union of Iraqi engineers**
* **Client Preventative, Projects Manager, Director of MEP Design department, MEP Design Manager, HVAC, LPG, Risk Assessment Report, Life Safety Report (NFPA101), Infrastructures (STP & WTP) Expert and Designer with over 15 years of international experience in the construction industry. I have a successful track record in designing, executing, and managing operations for large-scale prestigious construction and urban projects. I possess extensive experience and expertise in various projects, with an in-depth understanding of construction procedures, materials, and project management. Specialized in all aspects of MEP and Infrastructure Utilities, including design, construction, and supervision of residential, commercial, industrial, healthcare, schools, and development projects. I am seeking a challenging position where my organizational skills, experience, and leadership abilities can be utilized to achieve career goals.**

**EXPERIENCE RECORD**

**Jun.2021- Dec 2023**

**Company Location**

**Responsibilities- Task**

**Aug.2016-april 2021**

 **Company Location**

**Responsibilities- Task**

**Aug.2013-March 2015**

**Company Location**

 **Responsibilities- Task**

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**RASC-AUIB is an American university project in Baghdad. Director of the mechanical department, responsible for planning, coordinating, and directing all activities, projects, and personnel within the Engineering Disciplines. My also tasked with providing accurate information to clients, responding to complaints and concerns, and conducting design reviews for new projects such as the AUIB hospital with 400 beds, lecture halls, and a dental college."**

**MHC- ADPI CONSULTANT –INTERNATIONAL AIR PORT IN KIA&NAJ.**

my responsibilities include Directing & supervising the MEP works both landside (terminal, load center, ACT tower, and communication center) and airside (runway, taxiway, and apron). In addition to my role as a senior Mechanical Engineer, I serve as the MEP team leader overseeing various systems such as the centralized district hot and cooling system, fuel network system for the apron, infrastructure systems for water, drainage, storm water, solid waste management building, filtration row water system, firefighting network, water supply, recycling gray water system, and irrigation network. I also provide value engineering for the overall main mechanical and electrical power systems.

**HILL INTERNATIONAL RISK MANAGEMENT**

**Ministry of Housing -State Commission of Housing**

Hill International has been assigned as a Project Management Office (PMO) Term Consultant to provide technical and engineering support, as well as construction supervision, to the State Commission of Housing (SCH) for their various public housing community projects in Iraq. These projects consist of several hundred housing units of different types and sizes, along with schools, mosques, clinics, shops, cultural centers, police stations, fire departments, playgrounds, and other public facilities tailored to the project's size and location. Hill is responsible for design management on several projects in Iraq. Your main responsibilities in the project include leading the design, supervising and directing the MEP team at Hill, and collaborating with other engineering disciplines. You attend meetings with the client management team to provide technical advice on firefighting, life safety, and infrastructure support. Additionally, you are in charge of issuing RFPs and DRCs for the design consultant for all mechanical systems, such as central HVAC, central hot/cold water, and drainage.

**Project Done**

 **April.2007 – up to 2013**

**Position**

**Company**

**Location**

 **Responsibilities- Task**

1. Al-kidhir -642 residential buildings +hospital + schools administration building.)
2. Kashmara project -680 residential buildings+ health Clinic +schools administration building. Cultural center).
3. Um Hlaiyel project - 460 residential buildings +schools administration building.)
4. Alnahrawan project- 630 residential buildings +schools administration building.)

**MANAGER**

**MUDON MEP ENGINEERING CONSULTANTS**

**UAE**- **AJMAN**

Operating and presenting in the position of MEP Manager had undertaken the lead in spearheading of MUDON Engineering Consultants as a team, by coordinating and overseeing in the overall design, supervision, and execution of various prestigious projects – contributing and ensuring professional approach, work ethics and upholding Clients interests.

Among the top-notch projects handled and overseen would include:

**From 2010 to May 2013 (design and supervision)**

**Iraqi Red Crescent society Hospitals - surgery hospital capacity of 150 beds & Obstetrics -Gynecology Hospital capacity of 100 beds. - Baghdad-Iraq**

**Alrumadiy clinic tower (B+G+ 12) medical clinics.**

**March 2010 (design and supervision)**

**AL NASIRYA HUB STATION – ALNasirya-Basrah Road -IRAQ for M/S American ASCEL Limited.**

Big fuel station for tuck +2stories motel +shops +tier bye +service Bye +truck car parking .it was a big challenge to complete this Design & site supervise job in a circumstance like in Iraq with the satisfaction of the client.

**Escape Equine Ajman - Alhlaw-Ajman \_AJ Design-Ajman (design stage only) April 2008 to Jun 2009**

the magnificent– comprising of 680 deluxe villas complex +8 towers (G+3 podium +20stories)+5star hotel +arena, spread across green paddocks, sand dunes, and horse trails.

**July.2004 -up to 2007**

**Position**

**Company**

**Location**

 **Responsibilities- Task**

**Ajman Waterfront (design stage only)**

A mixed-use development on the beach waterfront of Ajman comprising of residential villas, 9towers G+5 podiums +40 Stories ) commercial complex and star hotels.

**Senior Mechanical site Engineer**

**AL-GURG Consultants**

**UAE-DUBAI**

* Directs work assignments in staffing, scheduling, coordinating, and planning in various sections of the MEP engineering department.
* Typically reports to the Engineering Top Officer and supervises site Engineerings.
* Approves process specification and design standards according to the standards (ASME, NFPA ASTM,).
* supervision, checking, and approval of shop drawings and material

Submittals which has been signed by engineers for the followings:

* A chilled water system using the district-cooling method.
* A chilled water system using chillers
* Plumbing system.
* Firefighting and Fire alarm system.
* LPG central gas
* Weekly verification of subcontractor works.
* Testing and handing over.

**Type of the project as follows;**

1. **Lake View High Rise Tower** for **M/S. DAMAC**, (3B+G+2 MECH.+ 35 stories)- Dubai, lake view towers. plot B2 **(2005 to 2007)**
2. **Laguna Tower** (3B + G+ 2 Mech. floor + 38-floor typical) **Six Star Hotel for M/S IFE –MOVENPICK** in lake view towers plot A1.**(2006)**
3. **Lake Point High Rise Tower** for **Mr. M.S ALTAYER** (3B + G +2 Mech. Floors +44 typical floor)- Dubai, lake view towers. plot N2.**(2006-2007)**
4. **Satwa Health Center on Plot No. 334-2656 at** Al Satwa, Dubai for **M/s Department of Health & Medical Services- Dubai, UAE. (2004-2005)**
5. **New Hatta General Hospital** atHatta –Dubai for **M/s Department of Health & Medical Services- Dubai, UAE. (2005)**

**Jun.2002 -up to 2004**

**Position**

**Company**

**Location**

 **Responsibilities- Task**

 **II-** A team player combining electrical and mechanical design skills, thriving on close stakeholder interactions, detailed design problem solving, team building and program leadership to deliver the highest quality Design according to **NFPA STANDER**, on time and within budget (2004 to 2007)

1) Staff Accommodation (B + G+ 2 Podium +16 TYPICAL) (Tripel Towers) **FOR M/S. JAFZA**

Design of Firefighting system, fire alarm, LPG central gas for the industrial kitchen on the ground floor. **The design included Life Safety Assessment Report according to NFPA (101) standard** and it is approved from **the EHS** department from **Jabel Ali free zone authority**.

2) (5) buildings, (5, 6, 7, 8, 9) typical 2B floors +G +8 typical floors for **M/S. Dubai Airport Free Zone Authority.**

Firefighting system, fire alarm and LPG central gas, Design and approved from **(DAFZA) authority.**

 3) **Bonyan Smart Towers** (2B + G+ 2 mech. Floors +36 typical floors) (twin towers) for **M/S. BONYAN Holding**.

Firefighting system, fire alarm, LPG central gas for the residential tower design and approved from Dubai Civil Defense.

**Consultant engineer approved from Civil Defense, as Expert House (third party)**

**2010 Safety & Protection Consultancy**

**UAE, Abu Dhabi**

* Check new construction designs (tender drawing, workshop Drawing) to ensure compliance with national and international codes and standards for general safety & protection (firefighting, fire alarm and architect)according to NFPA, BS, ASME, ASTM
* Preparing recommendations for consultants and contractors to gain the Civil Defense approval for new constructions.
* Regular site inspection of construction, to ensure compliance with initially approved designs.
* Final Site inspection to certify the safety of occupants.
* Issue Certificate of Safety, recognized by Civil Defense.
* Regularly inspect the Fire Protection and Fighting Systems in Restaurants, Schools, Government ministries, Hotels, and others.
* LPG central gas, design, checking and inspection as per NFPA54.NFPA58

Designing gas systems according to U.A.E Civil Defense, SEWA regulations.

**Some of the prestigious projects handled:**

1. **Big mosque for Shk. Zaid Bin Sultan**

The scope of work was included: checking tender &workshop drawings, Site Supervision of (Firefighting, fire alarm system, ventilation system)

1. **Mina tower (G+M+ 18+Mech).**

The scope of work was included:

Revise the Mech. Drawing according to site condition.

A plane for the work progress and issue required method statement. Submit the materials for engineer approval. Safety

Discuss with the suppliers about materials specification and delivery periods supervise the quality of work according to specification &methods statement.

Check the hydro test pipelines & air leak test for ducting work.

Coordinate our scope of work with all other external services

Supervise installation of pre-insulated chilled water pipe with a leak detection system.

Supervise mechanical installation at pumps plant rooms.

1. **Raha beach hotel:**

This project contains (Villas + mall + Hotel) work was involving checking drawings, supervision for contractor's site work, final inspection, testing & commissioning for handed over the project.

 Position: Site Engineer

 Responsibility:

* Install air cooled water chiller capacity 200 ton, Chilled water pumps, All chilled water pipes inside plant room
* Install air handling units and relative ducting &chilled piping work.
* Install fan coil units, Exhaust fans, and G.I ductwork.
* Install water services pumps, copper pipes for hot &cold water.
* Made all required tests, commissioning for Pumps FCU's, AHU's And Chiller

**May.2000 -up to 2002**

**Position**

**Company**

**Location**

 **Responsibilities- Task**

**Nov.1998 -up to 2000**

**Position**

**Company**

**Location**

 **Responsibilities- Task**

**Mechanical engineer**

**LG Air Conditioning Distributor**

**UAE - Abu Dhabi**

Progressively experience, installation and technical support. Also worked in design strategic projects & supervise of installation and commissioning of the HVAC system.

* Design, According to ASHRAE
* HVAC load calculations
* Quotations & submittals preparation
* Preparation of workshop drawings
* Finalizing deals & negotiations of A/C contract.
* Marketing & customer services
* Costing and estimations of projects

The project has done with P.W.D projects, Commercial and public building.

Elementary 8 SCHOOLS: Schools each one consist of Administration Building, two Classes Room Buildings, Lap, Kitchen, Multipurpose Hall, Swimming Pool, and Service Block. There are 84 Nos. Package Units, the Sizes are between 18,20,25,30 TONS,

**Site Engineer for maintenance**

  **Iraqi** **Ministry of Health**

**Baghdad, Iraq**

 Worked as a site Engineer for maintenance of (2) Water Boilers, the first one 900 tons/hr capacities and the second one 600-tons/hr capacities. Was also assigned to work on the maintenance of the followings:

Chiller (compressor and condenser) & Air Handling Unit

Water Circuit Swimming Pool (maintenance was covered electric motor, pumps, heat exchanger, filters, pipes, filter valves).

 **END OF CV**