

## ISMAIL IBRAHIM HDAIB [PHD, PMP, LEED (BD+C)]

**D.O.B: Dec.7<sup>th</sup>.1975. Nationality: JOR.**

**Profession: MEP Manager**                      **26Yrs,11Yrs. Experience in Gulf**

**Address:**                      Amman-Jordan, Mob:00962798418429

E-Mail: [ismail\\_hdaib@yahoo.com](mailto:ismail_hdaib@yahoo.com), [ismail\\_hdaib@hotmail.com](mailto:ismail_hdaib@hotmail.com)

**Marital Status: Married (9 Children)**



### ➤ **Education:**

- B. Sc. Mechanical Engineering, July-1998, Applied Sciences University, Amman-Jordan
- PhD Mechanical Engineering, June - 2009 University of Jordan, Amman-Jordan  
**Thesis Subject: Inhibitory Effect of Some Additives on Combustion of Methane-Air Flame. [Fire Fighting].**

### ➤ **WORK EXPERIENCE**(Summary)

1. Renewable Energy Engineering Department – Isra University, JOR, Oct.2017 – Till Now [Associate Professor].
2. **Mech. Tech. Head (Design and Construction) Saudi Bin Laden Group. (PBAD) KSA - Sep.2012– Sep.2017.**
3. **Mech. Tech. Head (Design and Construction) Saudi Bin Laden Group. (PBAD) KSA - Sep.2010 – Sep.2012.**
4. **Mech. Head Assist, Bitar Office - Consult, Engr., and Project. Mngr. JOR, Jun.2008 - Aug. 2010.**
5. **Sr. Mech. Engr., (Design & Supervision), Essam Shehemat Eng. Office, JOR, Aug. 2006 - Jun. 2008.**
6. **Mech. Project Engr., (Construction), Eng. Mohammad Abu Syam Est. JOR, Mar. 2003 - Jul. 2006.**
7. Mech. Engr. & Supervisor Applied Science University, JOR, Mar. 2003 - Aug. 2008 [Teaching Assistance].
8. Mech. Eng., Qatar Armed Forces, Ministry of Defense, QAT, Oct.1998-Mar.2003.

### ➤ **Construction Management Skills:**

*Performing look ahead schedules(LAS) for workshop drawings and site progress.*

*Review of all design drawings for different MEP systems in projects*

*Performing MIR & MSR: Materials Inspection Requests, and Materials Submittal Requests.*

*Conducting Mechanical Materials Inspection: (1<sup>st</sup> fix, 2<sup>nd</sup> fix & long lead items).*

*Preparation of specifications for mechanical materials and systems.*

*Pricing and estimation of projects mechanical works.*

### ➤ **Computer Skills:**

**General computer knowledge** (*Windows, MSOffice, Internet...*)

**Engineering drawing software** (*AutoCAD, Mechanical Desktop*)

**Technical Software** *Elite, HAP, (Sizing of ducts, fans, pumps).*

**Engineering software** *MATLAB, ANSYS, Ideas, MathCAD, Maple, ChemKIN, & ADVISOR.*

### ➤ **Interpersonal Skills**

1. *Skilled and committed employee.*
2. *Creative thinker and problem-solver.*
3. *Excellent analytical and communication skills.*
4. *Interaction with audience and different attitudes.*
5. *Ability to work as a team leader /member, to meet all deadlines, in multinational environment, even under sever conditions.*

### ➤ **Training Courses:**

*HVAC Systems Design, Jordan Engineering Association- Amman 2009.*

*Medical Gases Systems Design, Jordan Engineering Association –Amman 2010.*

*Steam Systems Design, Jordan Engineering Association- Amman 2009.*

*PMP, Project Management Professionals, Al- Jitawi Consulting and Training Center- Amman 2010.*

*LEED BD+C, Jordan Green Buildings Council &Engineering Association – Jeddah 2012*

➤ **Selected Projects Summary:**

<b>Design</b>	<b>Supervised &amp; Executed</b>	<b>Management</b>
<i>King Abdullah Financial District-KAFD: Saudi Arabia 30 parcels project, Zone 4 which consists of 14 Buildings. Cost 80,000,000,000 SR Deputy MEP Technical Manager Head of Technical Mechanical.</i>	<i>Mataf Extension Project: Saudi Arabia Holy Mosque (Makkah) including Joints to Masaa Building &amp; 2nd Saudi Extension. Cost 20,000,000,000 SR Mechanical Technical Manager</i>	<i>Jordan Islamic Bank (IT Center): Jordan. Cost 5,000,000 JD MEP Technical Manager Project Manager.</i>
<i>Intercontinental Hotel (IHG Group): Saudi Arabia. Design of mechanical systems including LPG. Cost 400,000,000 SR Head of Technical Mechanical Section.</i>	<i>Al Karak Hospital: Jordan. Medical &amp; mechanical systems. Cost 4,500,000JD Project Mechanical Supervisor.</i>	<i>Landscape and Parks: a. Abdoun Park: Jordan Landscape, different auxiliary buildings, etc. Total Area 12000m2. Cost 6,200,000 JD b. Abdali Park: Jordan Mechanical Systems Designer</i>
<i>Governmental Projects: Jordan Ministry of Public Works &amp; Housing, including schools, embassies, Centers, and other buildings ... Cost 50,000,000 JD. Mechanical Systems Designer</i>	<i>Qatar Armed Forces Camps: Qatar-Al Sayliah. 25 building project, Head of Supervision Mechanical Section Cost 120,000,000 QR. Project Mechanical Supervisor.</i>	<i>Jordan Duty Free Shops: Jordan. Cost 8,000,000 JD Project Mechanical Supervisor.</i>

➤ **Courses Taught:**

<b>S.N.</b>	<b>Courses</b>	<b>S.N.</b>	<b>Courses</b>
1	Mechanical Seals	10	Heating Ventilation & Air Conditioning + Lab
2	Internal Combustion Engines + Lab	11	Engineering Analysis I
3	Thermodynamics + Lab.	12	Engineering Analysis II
4	Fluid Mechanics + Lab.	13	Analysis & Measurement of Wind Speed & Types
5	Heat Transfer + Lab.	14	Bio-Energy
6	Material Sciences + Lab.	15	Hydrogen & Fuel Cells
7	Mechanics / Statics / Applied Mechanics / Dynamics	16	Solar Water Desalination
8	Strength of Materials + Lab.	17	Energy Conversion and Storage
9	Engineering Geology	18	Green Buildings

➤ **Publications:**

- **Exergy analysis of biodiesel fueled direct injection CI engines, Journal:** Energy Sources Part A Recovery Utilization and Environmental Effects
- **RSM Analysis of Heat Balance of Direct Injection 4-Stroke Diesel Engine Using Bio-Diesel Fuel, Journal:** Biofuels.
- **Second Law Analysis of Gasoline Powered SI Engines with Hydrogen Injection, Journal:** The Journal Tehnicki Vjesnik/Technical Gazette
- **Analysis of Internal Combustion Engine Performance Using Design of Experiment, Journal:** The Journal Tehnicki Vjesnik/Technical Gazette
- **The Study of Aerodynamics and productivity of the Savonius Rotor with Supplementary Blades, Journal:** International Journal of Renewable Energy Research (IJRER)
- **The Behavior of Jordanian Oil Shale during Combustion Process from El-Lajjun Deposit, Central Jordan, Journal:** Journal of Ecological Engineering.
- **Adaptive Network Fuzzy Inference System and Particle Swarm Optimization of Biohydrogen Production Process, Journal:** MDPI / Fermentation.
- **Using 2-bladed Savonius rotor to harvest highway wind energy at airport: A case study, Journal:** Energy Sources, Part A: Recovery, Utilization, and Environmental Effects

➤ **Memberships:**

Member of Society of Jordanian Engineers, since 9/1998 to present.  
Member of Saudi Association Engineers, since 10/2010 to present.

➤ **Driving License:** Saudi Arabian, Jordanian, Qatari.

➤ **References:**

1. Eng. Abdul Latif Saleh, Saudi Bin Laden Group (Saudi Arabia), Mobile: +966537721551.
2. Eng. Ahmad Al Assi, Saudi Bin Laden Group (Saudi Arabia), Mob. +966593083011.
3. Eng. Ibrahim Al Jorf, Saudi Bin Laden Group (Saudi Arabia), Mob. +966599490982.