

Curriculum Vitae
Buildings Engineer (Architectural Engineer)
Current position Fire Risk Engineer – Consulting Company

Eng. Ghanem M. Banhidarah

BSc. (Hons) in Building Engineer
MSc. in Building Sciences (Construction Management)

م. غانم بن محمد بن حيدرة

بكالوريوس هندسة البناء مع مرتبة شرف الأولى
ماجستير علوم بناء تخصص إدارة التشييد

CAREER
OBJECTIVE

I enjoy to working in busy office environment with a multi-disciplinary team making sure that work runs effectively and get it completed on time. I am self-motivated, and I work as part of a big team especially in case of field work. In addition, in my role as a Building Engineer, I am responsible for designing, drawing and supervising.



CONTACT DETAILS

- Address: Dammam city, Kingdom of Saudi Arabia
- Tel. No.: Mobile. (+966) 059 858 4136
- E-mail: g.hidarah@gmail.com

PERSONAL
PROFILE

- Logical and systematic approach to achieving tasks
- Professional management skills and Team leader
- High performance in research
- Excellent communication skills
- Interested in concrete production, protection and repairing
- Interested in building maintenance and inspection, fire and life safety engineering
- Good background in construction engineering, structural, environmental design and building services systems topics
- Interested in contracting and real estate development

EDUCATION

- 2016: Bachelor in Building Engineering
University of Dammam (UOD), College of Architecture and Planning, Building Engineering Department.
GPA: (4.98) out of 5 with First Honors Class
Graduation Project: Investigation of Structural Properties for Lightweight Concrete produced by using locally light-weight Aggregate Cicolite and Expanded Perlite.
- In 2019: Master in Building Sciences (Construction Manag.)
Imam Abdulrahman Bin Faisal University (IAU), College of Architecture and Planning, Building Engineering Department.

PROFESSIONAL EXPERINCE

أرامكو السعودية
Saudi Aramco



- **June 2015 to August 2015:** Saudi Aramco, Sustainable Home Initiative, the responsibility includes:-
 - Site visiting and surveying.
 - Checking the construction material and structural members.
 - Writing professional reports with taking photos for 100 units.
 - Description of problems causes.
 - Mentioning of the maintenance methods.
 - Preparing bidding maintenance contracts.



شركة تمكين للاستثمار والتطوير العقاري
Tamkean inv. & real estate development Co.

- **November 2016 to January 2017:** Tamkean Investment and Real Estate Development Company, Dammam, SA. Working as Real Estate Developer, The responsibility includes:-
 - Initiate, Planning and directing many development programs.
 - Coordinate various disciplines in the company.
 - Planning, Preparing, and managing architectural competitions for the company local/international.



- **February 2017 to Present:** FPC Middle East Engineering Consultancy, Al-Khobar, KSA. Working as Fire Risk Engineer, the responsibility includes: -
 - Prepare Fire risk assessment (FRA) reports
 - Prepare / Review of Fire and life safety (FLS) drawings
 - Respond to technical queries (codes compliance)
 - Site surveys and data collection

Some Projects: -

- Al-Mashfa Hospital, Jeddah, KSA.
- IMC Hospital - International Medical Center, Jeddah, KSA.
- IMC - Medical college, Jeddah, KSA.
- Hilton Hotel - Double Tree, Jeddah, KSA.
- Hilton - Garden Inn, Jeddah, KSA.
- JESCO Steel mile plant, Jubail, KSA.
- CCC Residential compound, Al Khobar, KSA.
- King Salman International complex, Ras Al-Khair, KSA.
- Rabigh Refining and Petrochemical Company, Rabigh, KSA.

TECHNICAL PROJECTS

- **2015-2016 Design of General Hospital** (Graduation Project) architectural, structural, mechanical (including firefighting system) and electrical aspects were designed. With study of energy consumption (Ecotect) and lighting analysis. Graded (A+)
- **2014-2015 Design of Long Span project** (Football Stadium) of 60.000 spectators capacity Design of Concrete frame, columns and beams, and HVAC systems and make special construction details. With specific artificial lighting design. Graded (A+)
- **2013-2014 Design of Office Building** (BIM) by using REVIT for design of architectural, structural elements and air conditioning services through (3D Modelling) software's such as STAADPRO& Ecotect Analyses. Graded (A+)
- **2012-2013 Design of General Library** Architectural design with designing of structural elements such as columns and beams. Graded (A+)

SOFTWARE SKILLS

- Microsoft Office programs
- Revit 2016
- Dialux (Lighting Analysis)
- Climate Consultant 6.0
- Ecotect Analysis 2011 (Energy Analysis)
- AutoCAD 2016
- Staad ProV8i (Structural Analysis)
- CalcuLuX (Lighting Analysis)

WORKSHOPS AND CONFERENCES

- **28 - 31 January, 11 - 14 February, 4 - 7 March 2018:** attending Engineering Arbitration and Construction Contract according to FIDIC, Dammam, SA. Organized jointly between Saudi Council of Engineers (SCE) and G.C.C. Commercial Arbitration Centre.
- **27 February 2018:** Online course from HILTI Middle East (Saving lives In Modern Buildings: Fundamentals of Passive Fire Protection).
- **22 November 2017:** Leadership & Strategy in Facilities Management Workshop & Networking Event from MEFMA & FHM, Al-Dhahran, SA.
- **30 August 2017:** Online course from JENSEN HUGHES Academy (Fire Behavior - Introduction to fire suppression).
- **21 - 25 May 2017:** NFPA101 Life Safety Code Seminar (2015 edition) from NFPA, Jubail Industrial College, SA.
- **7 May 2017:** Office course from Al Kuhaimi Group (Fire Doors Norms, Testing, Certification & Listing).
- **9 May 2017:** Online course from Colt International (Design considerations when integrating smoke and fire curtains into a building).
- **20 June 2017:** Online course from Colt International (Protecting escape routes: Smoke shafts v pressurization).
- **25 February 2017:** Introduction to JCI Accreditation System (Joint Commission International Accreditation) workshop from Saudi Healthcare Architects brunch of Saudi Umran Society, SA.
- **24 February 2017:** Online course from Colt International (The general principles of smoke control).

WORKSHOPS AND CONFERENCES

- 9 - 10 November 2016: Sparker in "The 6th Safety and Fire Protection Conference" organized by SAUDI COUNCIL OF ENGINEERS at Sheraton Dammam Hotel. Presentation Title (Case Study for the Application of Fire Protection Codes in General Hospital Building).
- 10 - 24 July 2016: "Sustainable Energy & Building Technology: Resilient Architecture course" (80 hours) At Lincoln University, College of Arts, United Kingdom.
- 29 - 30 April 2016: Attended "A Leadership Talent Development Training program" (20 hours) At Dammam University, Deanship of Academic Development.
- 24 - 28 April 2016: "Protection of Reinforced Concrete Structures in Hot and Aggressive Exposures course" (30 hours) At King Fahd University of Petroleum and Minerals, SA.
- 5 - 7 April 2016: The Fourth Saudi Forum for planning, design, and equipping Hospitals in Riyadh city, SA.
- Since 2013 until present: Attended the Saudi International Building & Construction Exhibition (BUILDEX) in Al-khober, SA.
- 7 - 8 February 2016: A training course for the safe evacuation and firefighting in Deanship of Student Affairs of UOD.
- 4 May 2016: Attended "1st Saudi Concrete Conference-Durability" held in Al Khobar city.
- 14 October 2015: Forum and Exhibition of young business Men and Women in Eastern Province "Khad'd" plan workshop sponsored by King Salman Center of Youth development.
- 24 November 2015: Course "21 century skills and the needed skills for the job market" at the Deanship of development of university education in UOD.
- 6 -18 September 2015: A training course for the basics of photography sponsored by the World Assembly of Muslim Youth.
- 12 -14 March 2012: Attended the training program "successful interlocutor" introduction of the King Abdul Aziz Center for National Dialogue.
- 10 -19 November 2009: Software maintenance course from the Modern International Institute, Mukalla, Yemen.

HONORS AND AWARDS

- In 2016: 1st top student with honorable degree in Bachelor of Buildings Engineering.
- In 11/ March /2016: Qualify for my graduation research "Under the scientific researches, course of the basic sciences and engineering" on the university level to seventh student conference under the sponsorship of the Ministry of Education.
- From 2011 to 2016: Honored five times by the College Administration as the perfect student.
- In 2016: Certificate for Hard work and outstanding performance

in Sustainable Energy & Building Technology: Resilient Architecture course, United Kingdom (UK).

HONORS AND AWARDS

- **In 2016:** Certificate for distinguished presentation of group work in low carbon communities project during the Sustainable Energy & Building Technology: Resilient Architecture course, UK.

VOLUNTEER WORK AND COMMUNITY SERVICE

- A Member in three students clubs at University of Dammam.
- Participated in organizing 3rd Scientific Conference for students in higher education in Khobar, 2012.
- Participation in the organization of several events at the university and other.
- Arranging Al-Mehna Forum (Profession Forum) with Deanship of Student Affairs, University of Dammam, 2016.
- An official member in University of Dammam's Events' Volunteering Management team.
- Head of a board on "Marsa" Anchorage Initiative. Sponsored by Deanship of Community Service, University of Dammam.
- Arranging the 2nd meeting of GCC Community Service Deanship.
- Participating in "Al-Tamimi Markers' Iftar Sa'em" Break fasting Invitation in Ramadan 2015.

PROFESSIONAL MEMBERSHIPS AND CERTIFICATES

- **Since 2016:** ACI (American Concrete Institute membership Membership No. STU17-298
- **Since 2016:** ASCE (American Society of Civil Engineers) Membership No. 10810778
- **Since 2016:** SCE (Saudi Council of Engineers) Membership No. 307237
- **2017:** FE from SCE (Fundamental of Engineering) Certificate
- **In process:** PE (Professional Engineer) Certificate
- **In process:** PMP (Project Management Professional) Certificate

PERSONAL INFORMATION

- **Date of Birth:** 06/11/1991, Riyadh city, SA
- **Marital status:** Married
- **Nationality:** Yemeni, holding Identity of citizenship husband

REFERENCES

- **Dr. Othman S. Alshamrani:** Assistant Professor, Chairman of Building Engineering Department, and Dean of Engineering College, IAU. **Certified arbitrator in G.C.C. Commercial Arbitration Centre (Membership No. 1975).**
E-mail: osalshamrani@uod.edu.sa Mobile: (+966) 548 008002
- **Prof. Yassin S. S. Al-Mudhaji:** Professor, College of Architecture and Planning, Building Engineering Department, IAU. (Graduation Project Supervisor)
E-mail: ysallam@uod.edu.sa Mobile: (+966) 509 763691