

Hosny Fathallah Alqattan, Ph.D., P.E-CO, PMP

Phone : +20224720655

Mobile : +201005012510 & +201110054967

E-Mail : hosnyfh.alqattan@gmail.com

Add: Nasr city, Cairo, Egypt.



PERSONAL INFORMATION

Birth date: 1/5/1991

Nationality: Egyptian.

Marital status: Married.

Military status: Exempted.

ABSTRACT

A dynamic and ambitious professional with a strong academic foundation in civil engineering and extensive experience in the construction industry. Holding a **PhD** and having successfully completed the **PE** and **PMP** exams, a high level of engineering and management qualification is held. In addition to **Colorado state PE** license.

Varied roles have been undertaken, including site supervision, technical office man, planning, cost control, commercial, and managing multidisciplinary trades. Proficiency extends to structural design utilizing diverse software and systems for materials such as RC concrete, precast concrete, post-tensioned concrete, CMU, timber, steel, and light-gauge structures. Exposure to multiple markets, including the United States, Gulf region, and Egypt, has been gained.

EDUCATION

- 2024, **Licensed professional engineer, Colorado, United states. (PE-CO)**
- 2024, **Project management professional (PMP®)**
- 2023, **Philosophy Doctorate (Ph.D.)**, Structure engineering, Ain Shams University.
- 2022, Passed professional engineer (**P.E. Civil/structure**) exam.
- 2021, Passed three **CLEP exams** to be equivalent to **ABET** programs.
- 2020, Fundamentals of engineering exam (**FE**), NCEES.
- 2018, **Mater of Science (M.Sc.)**, Steel Structures, Ain Shams University.
- 2013, **B.Sc. in Civil/structure** Engineering Faculty of Engineering **Ain Shams** University, **Very-Good** degree. **Excellent** degree in steel structure graduation project.

MAIN TASKS & DUTIES

- Resolve any technical issues or construction error that may arise in the site.
- Organise Structural drawing and calculations.
- Prepare Value-Engineering Proposals.
- Quantity surveying, invoices, scheduling, cost estimation and cost control.
- Shop-drawing prepare & review.
- Working with BIM technology.
- Prepare reports for PM, top management, client and other stakeholders.
- Set a team development/training plan.
- Coordinate between various teams and stakeholders.
- Research and development.
- Coordinate with Contract Administrators in assessing construction claims.

WORK HISTORY

- 05/2022 – Present.

Concrete plus for engineering & construction

Technical offices manager/ Project controls supervisor/Deputy project manager/Design manager.

Urbanium new administrative building.

Misr for Central Clearing building (MCDR).

New Giza Art-life & B10 administrative.

Urban business lane (UBL).



- 07/2019 – 05/2022.

SA. MIRO at U.S.

Project Engineer.

Design, SD, QS, planning & project management.

Prescient Vanderbilt. (United States).

Prescient 421 Pennsylvania. (United States).

Prescient LSU. (United States).

Hurely Place phase 1. (United States.)

Mill District. (United States).



- 12/2018 – 07/2019.

EL RAEID Engineering Consults

Team Leader Technical office & design.

Design, SD, QS, planning & project management.

Alhay Allatini. (Egypt).



Redcon Tower. (Egypt).
Triple C Tower. (Egypt).
Arab contractors Tower. (Egypt).



- 02/2019 – 05/2019.
Egyptian Chinese University (ECU).
Assistant Lecturer.

- 11/2015 – 11/2018.
e.construct.
Senior Structural Engineer.
Design, SD, QS, planning & project management.
EXPO2020. (The United Arab Emirates).
Dubai Textile City Souk. (The United Arab Emirates).
New Sabah Al Ahmed Hospital. (Kuwait).
Winchester international school. (The United Arab Emirates).
Zaya Marriot Hotel. (The United Arab Emirates).



- 05/2015 – 11/2015.
Alamar Consulting group S.A.
Structure & BIM Engineer.
Design, SD, QS, planning & project management.
Governmental services Buildings. (Sultanate of Oman).



- 07/2013 – 05/2015.
Saad International Consulting Engineering (SICE).
Structure & technical office Engineer.
Design, SD, QS, planning & project management.
King Abdelaziz bridge. (Kingdom of Saudi Arabia).
Aloroba bridge. (Kingdom of Saudi Arabia)
Alkebash bridge. (Egypt).
Al-Bayt Stadium. (Qatar).



- 07/2012 – 09/2012
Orascom Construction PLC.
Site engineer Internship.
Alshahed bridge. (Egypt).



-
- 07/2011 – 09/2011.

Arab contractors.

Site engineer Internship.

Green Mountain towers. (Egypt).



PERSONAL SKILLS

- Passion for continuous learning and development.
- Positive attitude, ability to plan, organizes, monitor & control.
- Direct supervise & lead stuff successfully & smoothly.
- Deep experience in Remote working tools and techniques.
- Analysing lots of information from different sources.
- High Caliber leadership skills, managing multiple nationalities on a major programme.

COURSES & WORKSHOPS

- In-Depth Look at Positive Psychology diploma.
- Raising Emotional Intelligence course.
- Cost analysis and forecasting techniques for construction projects. (CAFT)
- Planning, scheduling & reporting using Primavera P6.
- Tendering and cost estimation.
- (MEP) Electromechanical basics.
- Revit structure & Tekla structures.

SOFTWARE SKILLS

- Finite element & design software:
 - CSI: SAP2000, ETABS, SAFE & CSI Bridge.
 - Bentley: RAM Concept, RAM Structural system & STAAD.Pro.
 - RISA: RISA Floor, RISA 3D & beginner level ADAPT-Builder. Concise beam.
- Advanced FEM: Abaqus CAE.
- BIM software: Autodesk: Revit & Trimble: TEKLA.
- ORACLE: Primavera P6.
- Drafting software:
 - Autodesk: AutoCAD & Autocad structure detailing.
- Ms Office.

ACADEMIC CONTRIBUTIONS

- Alqattan Hosny et al. (2024). *Experimental Investigation and Analytical Modeling of Steel Falsework Systems*. **Structures Journal/Elsevier**.
- Alqattan Hosny et al. (2024). *Enhancing sustainability in construction: experimental testing and finite element investigation of falsework ring-lock joints*. **Innovative Infrastructure Solutions Journal/Springer nature**.
- Alqattan, Hosny & El Aghoury, Ihab & Ibrahim, Sherif. (2023). *Stability and Design of Steel Falsework Systems*. **Ph.D. Thesis. Department of Structural Engineering, Ain Shams University, Cairo, Egypt**.
- Alqattan Hosny et al. (2023). *Numerical evaluation of wedge-type falsework joint*. **Asian Journal of Civil Engineering/Springer nature**.
- Alqattan, Hosny & Shaat, Amr & El-Serwi, Ahmed & Sayed-Ahmed, Ezzeldin. (2018). *Composite Steel-Concrete Beams with Corrugated Steel Webs*. **M.Sc. Thesis. Department of Structural Engineering, Ain Shams University, Cairo, Egypt**.
- Alqattan Hosny et al. (2018). *Effect of corrugation panel width of composite plate girders with corrugated triangular web*. **Journal Al-Azhar University, Engineering Sector**.

ACADEMIC & TEACHING EXPERIENCE

- Assistant Lecturer in Egyptian Chinese University (ECU).
- Training lecturer and technical planning of (YLF-Learning expert programme) for more than 600 trainees undergraduate & fresh engineers.
- Certified trainer in General Authority for Roads and Bridges/training center.
- Training & development specialist for various firms.

LANGUAGES

- English: Good in spoken and written.
- Italian: (high.s) 2nd language.
- Arabic: Mother language.

LINKEDIN PROFILE

- <https://www.linkedin.com/in/hosny-fathalla-ph-d-p-e-pmp-8528b79b>