

Date of Birth	: February 1 st , 1966
Current Position	: Structural Expert / Head of Structural Department
Education	: Ph.D. in Structural Engineering, Zagazig University, 2000 M.Sc. in Structural Engineering, Zagazig University, 1994 B.Sc. in Structural Engineering, Zagazig University, 1988
Memberships	: Member of the Egyptian Engineering Syndicate Member of The International Association of bridge and structural engineering IABSE, Switzerland. Affiliated Member in the American Society of Civil Engineers. Member of The Egyptian Society of composite structures.
Languages	: Arabic, English (fluent), French (fair), German (fair)
Contacts	: Email: e.matar@bect.net

Key Qualification

Dr. Ehab has a broad experience of about 30 years of professional competence in the structural engineering field, namely concrete and steel structures analysis & design covering: buildings stations, hospitals, tunnels, roads, workshops, plants, bridges, etc...

He has also a huge experience with all site related activities: supervision, quantities take-off, surveying as well as geotechnical works.

Responsibilities & Achievements

- Civil design criteria preparation & review.
- Structural analysis & design for concrete as well as steel structures.
- Geotechnical analysis and design.
- Tender documents (Dwg's, BOQ, specifications) preparation & revision.
- Project cost control, prices analysis, quantity surveying, and cash flow charts.
- Reviewing and approval of material / equipment submittals.
- Reviewing workshop / execution drawings.
- Site supervision (execution & commissioning) as well as monitoring control.
- Value engineering.
- Full coordination with different project aspects i.e. arch., electrical, mechanical, HVAC, etc. during all stages of the project.
- Attendance of all meetings with clients and authorities and preparation of minutes of meetings.
- Ensure that all structural design packages will be delivered to the client in accordance with the project schedule.
- Cooperation with site project managers and preparation of site visits if necessary for coordination between design and execution team works to solve all site problems.
- Reviewing and approving all technical submittals and transmittals submitted by the contractors.

Employment Record & Projects History

From 2005 up to date: BECT – Bureau Egyptien de Conseils Techniques - Egypt

Position : Structural Expert / Head of Structural Department

Projects History:

- * **Leeds British Schools, Egypt**
Owner & Client: Egypt Learning Group.
- * **Wadi Jizan Resort, KSA**
Owner & Client: Ministry Of Water and Electricity
- * **Cleopatra Mall, Egypt**
Owner & Client: Eldorado Ceramic & Sanitary Ware
- * **Six Paper and Wood Factories, Egypt**
Owner & Client: Ministry of Education
- * **NAT Office Complex, Egypt**
Owner & Client: National Authority for Tunnels (NAT)
- * **Kozzika Metro Workshop Project, Egypt**
Owner & Client: National Authority for Tunnels (NAT)
- * **Port Said Tunnels under the Suez Canals, Egypt**
Owner & Client: National Authority for Tunnels
- * **Katamya Hospital, Egypt**
Owner & Client: Katamya Clinic for Medical Services
- * **Baish Package Substations (4 x 132Kv s/s), KSA**
Client: General Electric (GE)
- * **Lazik Hospital, Egypt**
Owner & Client: Retina Consultancy Center
- * **GIG New Office Building, Egypt**
Owner & Client: Arab Misr Insurance Group
- * **Royal Norwegian Embassy administration Building, Egypt**
Owner & Client: Royal Norwegian Embassy
- * **Cosmos Village, Egypt**
Owner & Client: Ministry of Education
- * **Archirodon Office Building, Egypt**
Owner & Client: Archirodon Construction Overseas
- * **Office Building of The French Embassy Economic Mission, Egypt**
Owner & Client: French Embassy in Cairo

- * **South Hewlan Plant, Egypt**
Client: General Electric (GE)
- * **Pgesco Corporate & Office Building, Egypt**
Owner & Client: Power generation Engineering & Service Company
- * **Madinaty Mall, Egypt**
Owner & Client: Taalat Mustafa Group

From 1998 to date: Faculty of Engineering, Zagazig University

Position : Lecturer in Structural Engineering Department

Projects History:

- * Academic advisor for the new program for structural and construction engineering.
- * Assistant professor, Structural Engineering Department.
- * Lecturer in Structural Engineering Department
- * Lecturer Assistant in the Faculty of Engineering

From 2002 to 2004: Engineering Design Center

Position : Structure Engineer

Projects History:

- * Large Number of a unique master pieces residential villas, Egypt
- * Glean Gas Factory, Egypt
- * Al Gawhara building, Egypt

From 1982 to 2002 : Dar el Khebra Prof. Dr. Milad Hanna (Consulting firm)

Position : Structure Engineer

Projects History:

- * **Samy Faltas Factory, Egypt**
Owner & Client: Sami Faltas
- * **El Safa Mill, Egypt**
Owner & Client: Private
- * **Rehabilitation of Kahla agency & design of EL-Kharoub, El-Rabaa and El Mosalas agency, Egypt**
Owner & Client: Private
- * **Evaluating the structural safety after the 1992 earthquake for several buildings in Cairo City**

Computer Skills :

- * *Microsoft office (word, Excel & PPT).*
- * *AutoCAD.*
- * *Revit.*
- * *SAP 2000.*
- * *Tekla.*