

**Date of Birth** : July 30<sup>th</sup>, 1958  
**Current Position** : Civil Expert / Head of Civil Department  
**Education** : B.Sc. in Civil Engineering, Ain Shams University, 1981.  
**Memberships** : Member of the Egyptian Engineering Syndicate.  
Member of the Egyptian Engineering Society.  
**Languages** : Arabic – English ( Fluent )  
**Contacts** : Email : hisham.badr@bect.net

## Key Qualification

Eng. Hisham has more than 35 years of professional experience in the civil engineering field related to the civil analysis & design of buildings and associated facilities, water / waste water networks, plants, roads, ramps, tanks and reservoirs. He is also familiar with calculation notes preparation & review, workshop drawings review, progress reports in addition to analyzing and evaluating technical and financial data.

## Responsibilities & Achievements

- Civil design criteria preparation & review.
- 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.
- Coordination with other disciplines.
- Design revision as per the common international standards (ECP, AISC, ACI, BS, Eurocode)

## Employment Record & Projects History

**From 2006 up to date** : BECT – Bureau Egyptien de Conseils Techniques - Egypt

**Position** : Civil Expert / Head of Civil Department

### Projects History:

- \* **Leeds British Schools Icity, Egypt**  
Owner & Client: Egypt Learning Group
- \* **King Abdullah, Egypt**  
Owner & Client: Jazan Municipality & Zohier Fayez Construction
- \* **Kozzika Metro Workshop Project, Egypt**  
Owner & Client: National Authority for Tunnels (NAT)
- \* **Water Supply Networks & GIS Systems in Baha, KSA**  
Owner & Client: Ministry of Water and Electricity

- \* **Wadi Jizan Resort, KSA**  
*Owner & Client: Ministry of Water and Electricity*
- \* **Half Moon Bay City, KSA**  
*Owner & Client: Eastern Region Municipality*
- \* **Cosmos Village - 6th October, Egypt**  
*Owner & Client: Ministry of Education.*
- \* **Utopia Pharmaceutical Factory, Egypt**  
*Owner & Client: Utopia Pharmaceuticals*
- \* **Katamyia Hospital, Egypt**  
*Owner & Client: Katamyia Clinic For Medical Services*
- \* **Treated Water Re-usage Project in Riyadh, KSA**  
*Owner & Client: Ministry of Water and Electricity*
- \* **GIG Office Building, Egypt**  
*Owner & Client: Arab Misr Insurance Group*
- \* **PGESCO Corporate & Office Building, Egypt**  
*Owner & Client: Power generation Engineering & Service Company*
- \* **Cleopatra Mall, 6<sup>th</sup> of October, Egypt**  
*Owner & Client: Eldorado Ceramic and Sanitary Ware*
- \* **Family Park, Egypt**  
*Owner & Client: Ministry of Education*
- \* **Youth Center, Egypt**  
*Owner & Client: Ministry of Education*
- \* **NAT Office Complex, Egypt**  
*Owner & Client: National Authority for Tunnels (NAT)*
- \* **Tunnels under the Suez Canals, Egypt**  
*Owner & Client: National Authority for Tunnels (NAT)*
- \* **Bish Water Transmission Pipeline, KSA**  
*Owner & Client: Ministry of Water and Electricity*
- \* **10 Surface & 10 Underground Dams, KSA**  
*Owner & Client: Ministry of Water and Electricity*

**From 1998- 2006 : Moharam-Bakhoom Engineering office (ACE)**

**Position : Civil Consultant**

**Projects History:**

- \* **Zifta lock reinforced concrete structure, Egypt**  
Owner & Client: Ministry of Water Resources and Irrigation.
- \* **El Ryah El Menoufy, Egypt**  
Design of (lock, Regulator) reinforced concrete structure.
- \* **El-Abbasy new regulator & new Esna lock, Egypt**  
Preliminary studies & design
- \* **New Naga- Hammadi Barrage & Power Plant, Egypt**  
Owner & Client: Ministry of Public Works & Water Resources

**From 1986 to 1998 : Engineering Design & Irrigation Projects Consulting Office "EDIPCO"**

**Position : Civil Engineer**

**Projects History:**

- \* **AGA Pipes Production factory and its administration building**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **The Egyptian Tractors Company's building, Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **New Naga Hamadi's lock, Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **Introducing new lining methods for Umm Hagar Canal - Sharkia, Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **Essna new Barrage, Essna, Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **Seismic studies for Ramsis Pump Station, Ramsis, Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **Noqra 4 Pumping stations No. 1, 2, 9, and 10 , Upper Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **Sahl Tina Project, Sinai , Egypt**  
Owner & Client: Ministry of Public Works & Water Resources
- \* **Drain No. 8 – Kafr El Sheikh pump station, Kafr El Sheikh , Egypt**  
Owner & Client: Ministry of Public Works & Water Resources

- \* **El Shahid Madin Kasem pump stations, Sinai , Egypt**  
Owner & Client: Ministry of Public Works & Water Resources

**From 1984-1986 : General Contracting Company (Mostafa Khalil & Associates):**

**Position : Site Engineer**

**Projects History:**

- \* **Residential Towers of the Company at Port Said, Egypt.**  
Owner & Client: Ministry of Housing
- \* **Prefabricated Buildings at Wadi Al Mullak**  
Owner & Client: Ministry of Defence

**From 1981 to 1984 : International Construction Company (Ramo)**

**Position : Site Engineer**

**Projects History:**

- \* **The supervisor of all execution activities of the Residential Towers at Hadayek Al Kobba, Egypt.**  
Owner & Client: Republic Presidency Authority.

**Computer Skills :**

- Microsoft office.
- AutoCAD.
- Revit.
- SAP 2000.
- Plaxis.
- Prokon.