

**WAHBA W. EL-TAHAN**  
STRUCTURAL CONSULTING ENGINEER  
PROFESSOR OF CONCRETE STRUCTURES



**EDUCATION**

- B.Sc., Civil Engineering (Distinction with honors), Cairo University, Giza, Egypt, 1977.
- M.Sc., Engineering Mechanics, The Ohio State University, Columbus, Ohio, USA 1982.
- Ph.D., Engineering Mechanics, The Ohio State University, Columbus, Ohio, USA, 1987.

**AFFILIATIONS**

- Syndicate of Engineers, Egypt.
- Registered Consulting Engineer, Egypt.
- Member of the Committee of the Egyptian Code for the Design and Construction of Concrete Structures.

**PROFESSIONAL  
EXPERIENCE  
WITH RSCCE**

Preparing structural assessment and strengthening reports for the following structures:

- Al-Rewaqa Al-Fatimi, Students Accommodations Building, and Abdul-Rahman Kotkhoda Shrine in Al-Azhar Mosque.
- The 113 years old Administration Building of Faculty of Engineering, Cairo University, that was exposed to fire.
- Float of the Yacht Club in Giza. The report provides methods of repair to the old reinforced concrete float that was part of the old Alferdan Bridge over Suez Canal.
- Abu Teig Central Hospital old and new buildings, Abu Teig, Assiut.
- Al-Ahly Bank Building – Beny Sweif branch (basement and 3 storey building).
- Banque Misr, Mohamed Farid Street, Cairo.
- Saudi Bank, Alameen St. Mohandseen, Giza.
- Albahr Alaazam Public library (2 storey building exposed to fire), Giza, Egypt.
- Trogah and Qalaah1 Pump lift stations, Abees and Kafr Eldawar, Alexandria.
- Milk, Fertilizer, and Precast Concrete Factories of ICOW Co., Giza.
- Four Buildings in Almanal 2 Touristic Village, Ain Sokhnah.
- Alazbakiah District Headquarters Building, Cairo.
- Thirteen storey residential building, Omraniah, Giza.
- Tilted 14 storey building, Monshaah Albakary, Giza.
- Tilted 5 storey building, Faraskour, Damietta.
- Tilted 13 storey building, Abokatadah, Giza.

Preparing structural assessment reports and supervising site for the remedial work of the collapsed excavation side retention supporting system with adjacent buildings for the following:

- 197 Alharam St.
- 57 Alshaab St., Omrania, Giza.
- 37 Abdel Raheem Sabry St., Dokky, Giza.

Preparing reports to securing the collapsed side retention supporting system of excavation. Providing technical support and supervising the contractor to demolish three residential buildings after the collapse of an adjacent building, Faisal, Giza.

Supervising the strengthening works of Al-Rewaqa Al-Fatimi, and Abdul-Rahman Kotkhoda Shrine in Al-Azhar Mosque based on our previous structural assessment report and issuing structural safety certificates for these parts of Al-Azhar Mosque, according to the Egyptian Ministry of Antiquities request.

Site supervision for the rehabilitation of The National Theater Complex building that was exposed to fire, Ataba Square, Cairo.