



## Dr. Khaled Shafik EL-Kholy Director Transport Structures Department

### Qualifications

PhD in Civil Engineering, 1991 between Technical University of Braunschweig, Germany & Faculty of Engineering, Ain Shams University,  
MSc in Civil Engineering, 1988, Ain Shams University.

BSc in Civil Engineering (Honor Degree), 1982, Faculty of Engineering, Ain Shams University.

### Experience:

Dr Khaled El Kholy has over 31 years experience in design and supervision consultancy for different transportation structure components as well as for oil and gas projects, residential, administrative, and industrial projects. His experience also involves research, training and education.

### Employment Record

Professor at Civil Engineering Department, Faculty of Engineering, Ain Shams University, 2012-to date.

Director of GIS unit, Faculty of Engineering, Ain Shams University.

Owner of Engineering Consultation office.

Awarded 2 short postdoctoral scholarships from the German Academic Exchange service "DAAD"

Attended 2 courses in the field of groundwater movement modelling and GIS in Halle, Germany

### Sample of Projects/Studies

-Wadi Elgabo project: design of 2 culverts at wadi elgabo intersection with the new road, Helwan, Cairo Egypt.

-Gizan University project: design of 2 bridges and 2 culverts on the main canal coming from the red sea to Gizan University campus, Gizan, Saudi Arabia.

-Elbadwa Dam project: design of Elbadwa Dam in Elnamas Area, Saudi Arabia.

-Elsharm Elqebli Dams project: design of 2 protection Dams for Elsharm Elqebli – Alqusair, Red Sea, Egypt.

-Saqqara Project: design of foundations of all onshore reception & treatment plant and preparation of specification for civil, sanitary, roads and preparation of the MTO's reports in the front engineering phase. Ras Shukair, Red Sea, Egypt.

-Saqqara: design of the offshore pipeline crossing sleepers with different sizes and heights (detailed phase). Ras Shukair, Red Sea, Egypt.

-Saqqara: design of the 16" pipeline crossing concrete. Ras Shukair, Red Sea, Egypt.

-Morgan: design of foundation of the 20" line tie-ins at M36 Booster P/F & MWF for Morgan water flood area new facilities. Preparation of MTO's and cost estimate. Ras Shukair, Red Sea, Egypt.

-Razzak field development: design of the piping supports details.

-Design of many Car Gas refueling station "Gas Tec" for example: Qusna- in front of Borg Elmenofia - Tanta - beside Borg Elgharbia - Cairo – Nahas street , Nasr City - New Cairo – Elsherouq City – on Cairo Suez desert road - 6th of October City - Alexandria – Cairo Highway road station in Abies – Alex.Zagazig – Ahmed Orabi Street.

-Design of many car refueling station for "TOTAL" for example: Ring Road station S/S – Katamyia - Mehwar 26 July station S/S

-Design of many Car Gas refueling station "Arabia Gas": Abbas Elaquad station – Nasr City, Cairo - Ramses station – Ramses Street, Cairo.

-Oil Spill Response Center "OSRC" project: design of sub and superstructure of the center including office building, warehouse, maintenance warehouse and maneuvering area. The design includes preparing the MTO, cost estimate and specifications. Owner is British Petroleum BP, Abu Qir – Alexandria, Egypt.

-Ras Shukair, Egypt. Design of baffles for GUPCO waste water treatment to facultative ponds.

-Ras Shukair: design of Cables test beds.

-Ras Bakr: design of pipe support and pipe racks foundations for the modification of Ras Bakr HPG systems.

-Ras El-ush: design of the foundations for the pipe supports for Ras el-ush plant flare K.O. drum and for 36" flare line pipe supports.

-Ras El-ush: Knock out drum foundation repair.

The designing of the 16" Ballast water pipeline Anchor block to resist the offshore pipeline expansion.

-Badr eldin Obaiyed: design of the metering house and HVAC unit foundations. Mersa Matrouh, Egypt.

-The designing of several foundations for generator sets in different projects.

-Ashrafi field development: design of concrete saddle for AGIBA Petroleum Company in Ashrafi field. (4.5" coiled tubing pipelines)

-Structural design of many branches for Saudi British Bank "SABB" in Saudi Arabia. For Example: Eltawan , Elnakhil and Elrawabi.

-Structural design of women prison in Aseer, Saudi Arabia.

-Structural design of several residential and administration towers in Saudi Arabia for example, Alraghee and Elmousa Towers.

-Structural design of Elnasser complex building in Saudi Arabia. The project contains commercial center, administration buildings, garage and residential villas.

