

**K.G.BABURAJAN**  
*BSc.,(Chem), BSc.Engg., (Civil), M.I.C.E*  
**Managing Director**



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**MEMBERSHIP**

- ✓ ASSOCIATE MEMBER OF INSTITUTION OF CIVIL ENGINEERS (INDIA)
- ✓ MEMBER OF SOCIETY OF ENGINEERS (INDIA)
- ✓ LIFE MEMBER OF BAHRAIN SOCIETY OF ENGINEERS (MEMBER M-339)
- ✓ MEMBER OF INSTITUTION OF CIVIL ENGINEERS (U.K)

**COEPP (Registered)**

Registered with Committee for Engineering Professional Practice (COEPP), Kingdom of Bahrain, since 1985 – Cat. A.

**MAJOR CAREER HISTORY**

**1988- 2008: GENERAL MANAGER OF AL HOTY ANALYTICAL SERVICES**

Managed team of Engineers and Technicians for various QA/QC operations. Carried out all Administration and Management responsibilities for profitability, staffing, QA/QC, finance, reporting to the Director with projected incomes, equipment and staffing, resource requirements, overseas operations, setting up of new venues in other countries, coordinate the various departments etc

Was responsible in the setting up of the laboratory facilities for Concrete, Soils, Asphalt, Steel, Chemical, and Geotechnical Site Investigation

Vast experience in the field of design and execution of Civil Engineering Structures like multi-storey buildings, marine structures, caissons, jetties, roads, pavements, and bridges including in the field of Geotechnical Site Investigation, both Offshore and Onshore, Geophysical Investigation, Analysis and Design of Foundation including recommendations of type and kind of foundation to be used on specific site, Quality Control Testing, preparation of detailed Quality Assurance, manuals, failure investigation of concrete structures, assessment and evaluation of the condition of Civil Structures by carrying out different destructive and non-destructive methods, preparation of detailed repair strategy, testing of structural steel works, quality control testing of cement, concrete, soils, asphalts, reinforcements, rocks, water and other building materials, calibration and other aspects of Civil Engineering

**1999 - 2009: MANAGING DIRECTOR & PARTNER OF BAHRAIN FOUNDATION AND CONSTRUCTION COMPANY W.L.L.**

Managed Technical team of Structural Engineers, Geologists, Project Managers, Project Engineers and other piling operators including all the administration and financial aspects of the company operations. Developed a specialized team of engineers and technicians to carry out various pile and other foundation related testing including design and Construction of Pile Foundations, Ground improvement by Vibro Compaction, Vibro replacement, Dynamic Compaction, Dewatering and other foundation related issues and problems, static and Dynamic load testing, Integrity testing using Sonic, Cross-hole Seismic methods, Caliper logging, perform instrumented pile load tests etc. During the peak time the company employed up to 500 employees mainly technical and skilled category

**1992 - 2008 : MANGING DIRECTOR & PARTNER OF M/S FAST FLOW SERVICES, BAHRAIN**

was responsible for Setting up and Managing the above company for 16 years which is a specialized Contracting and Trading Company activity includes calibration services, Corrosion monitoring and construction of marine structures. Few of the projects constructed during this period include Marina For Ritz Carlton Hotel-Boat Parking. Aqua Park Construction for Durrat Al Bahrain. Pipe line demarkation and Bouys installation for BAPCO, at JIDDH Island. Construction of 4 nos. Ware Houses for M/s BANZ at Juffair.

**SETTING UP OF MATERIAL TESTING AND GEOTECHNICAL LABORATORY**

- AL HOTY ANALYTICAL SERVICES - Bahrain
- QATAR INDUSTRIAL LABORATORIES - Doha
- QATAR ENGINEERING LABORATORIES W.L.L, DOHA, Qatar.
- GULF Engineering Laboratories at Sohar in Sultanate of Oman.(under process)
- QATAR ENGINEERING LABORATORIES -Foreign Branch, Bahrain

**SELECTED LIST TO SHOW VARIETY OF WORKS CARRIED OUT UNDER MY MANAGEMENT**

**A] SOIL INVESTIGATIONS**

❖ **High Rise Buildings**

- ✚ Bahrain financial harbour
- ✚ Icon tower
- ✚ Dana tower
- ✚ Abraj Al Lulu
  
- ✚ Seef Tower
- ✚ Bahrain City Centre
- ✚ Bahrain Business Bay
- ✚ Almoayed Tower

❖ **DREDGING AND RECLAMATION**

- ✚ NORTH MANAMA CAUSEWAY
- ✚ NORTH BAHRAIN NEW TOWN
- ✚ AMWAJ ISLAND
- ✚ DURRAT AL BAHRAIN
- ✚ NEW PORT & INDUSTRIAL AREA
- ✚ HIDD TO MANAMA CROSSING
- ✚ SECOND MANAMA-MUHARRAQ CROSSING
- ✚ SH.KHALIFA BIN SULMAN CAUSEWAY
- ✚ SALMAN ISLAND
- ✚ SEEF BANDER
- ✚ REPLACEMENT OF SITRA BRIDGES
- ✚ BAHRAIN INVESTMENT WHARF
- ✚ KHALIFA BIN SALMAN PORT & INDUSTRIAL AREA AT HIDD
- ✚ DURRAT AL BAHRAIN PROJECT
- ✚ AMWAJ ISLAND
- ✚ DIYAAR AL MUHARRAQ
- ✚ NORTH BAHRAIN NEW TOWN
- ✚ DARARI
- ✚ ALBA MARINE
- ✚ NASS MARINE YARD
- ✚ JAWW VILLAGE
- ✚ NORTH CHANNEL ACCESS BASIN
- **OFFSHORE**
  - ✚ NATIONAL ASSEMBLY V3
  - ✚ AGCC (HYUNDAI)
  - ✚ RAS LAFFAN SHIP REPAIR YARD
  - ✚ ASRY – HIDD
  - ✚ NORTH BAHRAIN NEW TOWN
  - ✚ QUAY WALLS - NBNT
  - ✚ BAHRAIN BAY
  - ✚ AMWAJ ISLAND
  - ✚ BFH RECLAMATION PHASE 2
  - ✚ SHK. KHALIFA BIN SALMAN PORT AND INDUSTRIAL AREA
  - ✚ SALMAN ISLAND
- **CAUSEWAY AND BRIDGES**
  - ✚ SAUDI - BAHRAIN CAUSEWAY
  - ✚ SH.KHALIFA BIN SULMAN CAUSEWAY
  - ✚ NORTH MANAMA CAUSEWAY
  - ✚ QATAR-BAHRAIN CAUSEWAY
  - ✚ THIRD CROSSING BETWEEN MINA SALMAN AND HIDD
  - ✚ SECOND MANAMA-MUHARRQ CROSSING
  - ✚ REPLACEMENT BRIDGE UMM AL HASSAM –SITRA

● **POWER PLANT**

- ✚ ADDUR
- ✚ HIDD
- ✚ AL- EZZEL
- ✚ ALBA 3 and 4
- ✚ RAS ABU FONTAS
- ✚ RAS LAFFAN MASAIEED

● **PROJECTS IN QATAR**

ARCHIRODON CONST. OVERSEAS  
*QATOFIN MARINE WORKS*

ARCHIRODON CONST. OVERSEAS  
*HALUL HARBOUR REFURBISHMENTS PH. 1*

CONSOLIDATED ENG'NG CONSTRUCTION CO.  
*HALUL HARBOUR - UPGRADE PHASE II*

DAR AL HANDASAH  
*QATAR BAHRAIN CAUSEWAY*

HYUNDAI HEAVY INDUSTRIES  
*MESAIEED 'A' IPWP*

QATAR ELECTRICTIY AND WATER COMPANY  
*MESAIEED POWER PLANT*

QATAR GAS TRANSPORT COMPANY  
*RAS LAFFAN SHIP REPAIR YARD & DRY DOCK*

SIEMENS AG POWER GENERATION  
*POWER PLANT*

STAR CEMENT  
*AGCC (HYUNDAI)*

## **B] FAILURE INVESTIGATIONS**

- + Numerous residential buildings throughout Bahrain
- + Chamber of Commerce Building – Module 2
- + Bahrain School – Module 2
- + Earth Satellite Station Ras Abu Jarjur
- + British Embassy
- + Saudi – Bahrain Causeway – Research Study in Corrosion of Reinforcements
- + Mina Sulman Port Area – Crane track failures
- + Bahrain Flour Mills and Administration Blocks, Silos, etc,
- + Crown Prince Palace – Riffa – Gibb Petermuller and Partners
- + Jashanmal Building Fire Damaged

## **C] MATERIAL TESTING**

- |   |                                       |
|---|---------------------------------------|
| + ALBA POTLINE 3 & 4 EXPANSION- For BECHTEL | + Housing Project at AL ALI           |
| + Sohar Aluminum – For BECHTEL              | + Housing Project at Lowzi            |
| + Qatalum for SNC LAVALIN                   | + Amwaj Development                   |
| + Bahrain international circuit             | + Arabian Gulf University             |
| + Bahrain world trade centre                | + Sitra Housing Project               |
| + Bahrain city centre                       | + New Shk. Khalifa Port               |
| + Riffa views                               | + Isa town gate Interchange           |
|   | + Arcapita H.Q and Four seasons Hotel |

## **D] NDT, METALLURGY AND PIPE LINE SERVICES**

Managed the NDT SECTION conducting all types of tests including Dye penetrant testing, Magnetic particle inspection, Eddy current testing, Ultrasonic Testing and Radiographic Testing, metallurgy and pipe line inspection, Hydro Testing, Heat Treatment & stress relieving for

- + CCC JGC Brown & Root OPMI Lahoud Engineering ABB ALSTOM Sae Sadelmi
- + Siemens GE Italian P & T GPIC Bapco Banoco Snamprogetti Mitsubishi

**E] TECHNICAL EXPERT TO COURT**

Was in charge of preparing detailed Technical reports to the Court on various civil engineering related problems like Building Collapses (National Bank Building, Lulu Centre, Muharraq Shopping complex), various building projects, disputes between suppliers and clients or between contractors / clients / consultants.

**F] PILING AND OTHER GROUND IMPROVEMENT WORKS**

As Managing director of BAHRAIN FOUNDATION AND CONSTRUCTION CO. (BFCC) handled foundation works of approximately 500 projects of varying magnitude in terms of value and size like:

-  AL MOYYED Tower at Seef - 47 storey Tower
-  Bahrain World Trade Centre
-  Bahrain City Centre
-  Bahrain Financial Harbour
-  LULU ABRAJ
-  Bahrain Bay Development
-  GIC Pelletizing Plant No.2
-  Replacement of Sitra Birdges
-  Proposed Isa Town Gate Interchange