

## Curriculum Vitae

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Date of Birth: July 01 1971  
Nationality: BAHRAINI

### OBJECTIVE

Seeking a challenging and rewarding teaching, and/or professional development position (Project Management in Civil/ Construction Engineering) field that will expand into other areas based on personnel and professional growth or in a related position, utilizing my academic background and working experience in planning, design and, works of the super-structural projects as well as organizing and controlling of construction and maintenance operations.

### SUMMARY

Knowledgeable of U.S. Environmental Protection Agency (EPA) rules and regulations. Strong communication and interpersonal skills with an ability to work independently or as an effective team member to achieve results.

More than eighteen years of experience in the Civil Engineering field with both Texas Department of Transportation, the Electricity and Water Authority and Bahrain Royal Court.

First, as an Engineer-In-Training at the State Department of Highways of the Texas Department of Transportation, U.S.A. Training was centered on quality inspection on the fabrication of pre-stressed concrete bridge members, extensive inspection of plant production and provided the supervision on plant laboratory tests and construction materials evaluation, to verify its conformation with the American Concrete Institute specifications.

Second, joined the Water Distribution Directorate (Planning and Design section), Ministry of Electricity and Water, where I was able to provide my expert opinion and supervision on Plan Preparation, Construction Sites Inspection and Field Surveying of the new projects, including costing, demand trends, supply system development proposals and update them as necessary. In addition, daily review with senior staff members on the progress of work.

Third, working as a Sr. Structural Engineer in the Water Transmission Directorate (Maintenance Division), Ministry of Electricity and Water where I was in-Charge of managing and administering for water storage tanks, surge vessels, generator diesel tanks and associated fittings such as valves, fittings, etc overall maintenance schemes in WTD network.

Basically, ensure maintenance capability for WTD assets technical integrity and to put in place a maintenance management system to enhance these assets maintainability.

Currently, working as Chief of Projects & Engineering where I am in-Charge of managing and administering overall Structural Project works, management resources & financial control. Monitoring daily, and/or periodical review of the projects. Moreover, handling technical, administrative & engineering tasks and correspondences. In addition, evaluating data as to scope, effect on existing installations, economic value, long range planning and budgetary considerations.

Providing thought leadership, execution oversight and governance in planning, executing and managing strategic vision, roadmap and lead the effort in achieving operational excellence.

Reporting directly to the SCIA Board, also act as an adviser to the board on all Engineering compliance matters management.

## **EDUCATION**

- **Master of Science, Civil Engineering**  
Prairie-View A&M University of Texas, U.S.A, May 1995
- **Bachelor of Science, Civil Engineering**  
Texas A&M University, Kingsville, U.S.A, May 1992

## **WORK EXPERIENCE**

- **Chief of Projects & Engineering (2010- present)**  
Supreme Council for Islamic Affairs, Royal Court, Kingdom of Bahrain.  
Supervision of construction schemes, material selection, and periodic site visits for compliance with construction guidelines. Mental ability in evaluating quality of work and rate of progress. Providing leadership as point of contact with various ministries to obtain necessary building permission.  
Analyzing tasks in disputing resolutions with contractors, consultant or other agencies or the public as to the acceptability of construction methods and maintaining time schedule.  
Manipulation & oversee project management and scheduling of works  
Solid Experience as a Transaction Leader on financed projects.  
Managing procurement of advisors, consultants and contractors on major infrastructure projects.
- **Sr. Structural Engineer (1998- 2010)**  
Maintenance Unit, Ministry of Electricity and Water, Kingdom of Bahrain.  
To set up preventive maintenance schemes for a multi-million dollars assets of super-structures and to follow up its implementation, to carry out inspection visits to the sites, to supervise and monitor the progress, productivity and quality of the maintenance work carried out by the contractors, to evaluate tender documents by the contractors, and to undertake all routine administrative tasks such as preparing appraisal reports of my subordinates as well as the concerned technical reports of the Unit as and when required.
- **Civil Engineer (1995- 1998)**  
Planning and Design Unit, Ministry of Electricity and Water, Kingdom of Bahrain  
Lead a team of draughtsmen, and provided coordination, oversight and technical support to a variety of projects dealing with urban planning and development including modification of project plans, procurement of spares, site inspection and construction work surveying.

- **Engineer-In-Training (1990-1994)**

State Department of Highways, Texas Department of Transportation, U.S.A

Performed extensive quality inspection on the fabrication of pre-stressed concrete bridge members and plant production in addition provided supervision on quality laboratory tests to verify its adherence to the American Concrete Institute specifications.

## **ACADEMIC EXPERIENCE**

- **Adjunct Professor (Part-time Faculty Member) (2003-2007)**

College of Engineering, New York Institute of Technology – Bahrain.

Taught undergraduate students fundamentals of Engineering Education, Engineering Management and other related subjects such as: Quantitative Methods in Business, Engineering Physics, Finite Mathematics, Calculus and Differential Equations.

- **Lecturer (Part-time) (1996-1998)**

College of Engineering, University of Bahrain

Taught students of - Continued Engineering Education program - classes such as Finite element, Applications in RC Structures, Basic Design, Survey, Advanced Engineering Math, Calculus and Differential Equations

- **Engineering Research Assistant (1994-1995)**

College of Graduate studies,

Prairie View A&M University of Texas, Houston U.S.A.

- **Teaching Assistant (1992-1994)**

Department of Civil Engineering

Texas A&M University, Kingsville, Texas, U.S.A

Taught undergraduate level classes such as Advanced Engineering Math, Designs of Reinforced Concrete Structures and Structural Mechanics.

## **TRAINING COURSES, WORKSHOPS AND PROFESSIONAL PROGRAMS**

- Introduction to Strategic Planning (organized by The Strategic Planning Society of the United Kingdom)
- Effective Maintenance Procedures Workshop (organized by OMDEC)
- Cathodic Protection Engineering (organized by The Bahrain Society of Engineers)
- The Corrosion and Corrosion Control (organized by the Bahrain Society of Engineers)
- The Value Analysis/ Engineering Workshop (organized by Projacs International)
- Root Cause Failure Analysis (organized by Tyco-Hofincons Institute of Maintenance Engineering and Research)
- Risk Assessment in the Process Industry (organized by Energy Research Centre, University of Bahrain)

- Reliability Centered Maintenance Vs. Total Productive Maintenance (organized by Projacs International).
- The Quality Management and Building of Management Team (organized by The Civil Service Bureau).

## **ADDITIONAL AREAS OF STUDY**

- Environmental Engineering Laws and Regulations.
- Advanced Industrial Safety and Health Design.
- Risk Assessment (Product Safety Design).
- Open Channel Hydraulics.
- Ground Water Hydrology.
- Biological Treatment of Waste Water.
- Physio Chemical Treatment of Waste Water.
- Management Science.
- Management Business Statistics.
- Organization Theory and Human Behavior
- Engineering Management
- Structural Surveys
- Designs of Reinforced Concrete Structures
- Geotechnical Engineering

## **COMPUTER SKILLS**

- Data Base and Spread Sheets
- MS-Windows Operating System
- MS-Office

## **AWARDS**

- Supreme Council for Islamic Affairs Special Act work Incentive Award for the year 2014
- Ministry of Electricity and Water Special Act work Incentive Award for the year 2010
- Ministry of Electricity and Water Quality of work Incentive Award for the year 2007
- Ministry of Electricity and Water Quality of work Incentive Award for the year 2004
- Nominated for Who's Who Award among the International Students in the American Universities and Colleges for the year 1992
- The Deans List Award for Texas A&M University, Kingsville, USA, for the year 1989

## **ORGANISATIONS**

- Member of the American Society of Civil Engineers-USA
- Member of the American Concrete Institute-USA
- Member of the American Society for Engineering Education-USA
- Member of the American Water Resources Association-USA
- Registered Arbitrator with The GCC Commercial Arbitrator Center –Bahrain
- Registered Engineering Advisor in the Court House of Kingdom of Bahrain

## **REFERENCES**

- Prof. Fred C. Benson, Civil Engineering Department, Texas A&M University, Kingsville, U.S.A.
- Prof. Patrick Carriere, Civil Engineering Department, Texas A&M University, Kingsville, U.S.A.
- Prof. Jorge F. Gabbitto, College of Graduate Studies and Research, Prairie View A&M University of Texas, Houston, U.S.A.
- Prof. A. D. Stewart, College of Graduate Studies and Research, Prairie View A&M University of Texas, Houston, U.S.A.
- Prof. H.Y. Yeh, College of Graduate Studies and Research, Prairie View A&M University of Texas, Houston, U.S.A.
- Prof. Charles L. Tolliver, College of Graduate Studies and Research, Prairie View A&M University of Texas, Houston, U.S.A.
- Mr. James E. Allen, Area Supervisor , Texas Department of Transportation, Corpus Christi, U.S.A.
- Prof. Nigel A. Thorpe, Dean for Academic Studies and Research, New York Institute of Technology, Bahrain
- R.C.Aggarwall, Manager of Water Distribution Directorate, Ministry of Electricity and Water
- Jalil A.Husein Fardan, Water Transmission Directorate, Ministry of Electricity and Water
- Khalid A. Alshomali, Secretary General, Supreme Council for Islamic Affairs
- Yasser Al Jalahma, Deputy Secretary General, Supreme Council for Islamic Affairs