


DR. NAZEM HELBAWI

Damascus, Syria / Mobile: +963-953680051 (WhatsApp ) | Email: nazemhel80@gmail.com

I am principal bridges consultant engineer with experience that lasts over forty years. I got my doctorate d'Etat in 1980 in Civil Engineering (Prestressed Concrete) with high honor degree from Pierre Marie Curie University in Paris, France. During my life career, I have worked in both Engineering work (private and general) as bridges construction consultant (Design, Supervision on execution).

EXPERIENCE

DEC 2011 TILL PRESENT PROFESSOR IN **Private University YARMOUK UNIVERSITY (DAMASCUS, SYRIA)**

DEC 2001 – 2011 PRINCIPAL BRIDGES CONSULTANT ENGINEER
KHATIB & ALAMI (LATTAKIA, SYRIA)

- Supervised the execution of sixty five various bridges in Lattakia-Ariha highway, Syria.

FEB 1990 – NOV 2001 CIVIL ENGINEERING PROFESSOR

APRIL 1992 – NOV 2001 IN **LIBYAN UNIVERSITIES AND FROM FEB 1990 – MAR 1992 IN ALAGHWAT UNIVSRITY IN ALGERIA**

- Reinforced concrete (Aci & B.S.), Prestressed concrete, Steel, Management, Economics, Execution methods and equipment, Footings and Bridges
- Supervised seniors' graduation projects.

AUG 1983 – JAN 1990 CIVIL ENGINEERING CONSULTANT **in QASSIYOUN PUBLIC COMPANY (SYRIA)**

- Supervising projects in designing and execution of different structures (Various bridges, Great halls).
- **Projects (1983 - 1990):**
 - **1990:** Supervised the design and method execution of two vast floors (Length: 23 meters) that are comprised of prestressed concrete inside a vast and high ecumenical complex in Lattakia, Syria.
 - **1989:** Supervised the design and method execution of six bridges in a highway around Aleppo city in Syria. Every bridge spans 24 meters from precast prestressed girders.

- **1989:** Supervised a maintenance study of a prestressed concrete bridge on Damascus-Aleppo highway.
- **1988:** Supervised the design and method execution of the main building roof for Al-Fijeh water spring (main water supply of Damascus). The roof is 30 X 54 meters and is constructed from big precast elements such as slab and prestressed girders with no indoor columns.
- **1988:** Supervised the design and method execution of a viaduct curved bridge from six spans (Total Length: 210 meter) by precast prestressed girders in Damascus.
- **1987:** Supervised the design of two bridges everyone two spans (20, 25 meters) by precast prestressed girders on the highway between Homs and Tartous cities.
- **1985-1986:** Supervised at a prefabrication factory specializing in bridges and buildings production. Prestressed five girders per day each of a length of 25 meters.
- **1983-1985:**
 - Supervised the execution of nine bridges in the South Bypass that extends around Damascus city. One of the bridges is viaduct of 1.5 kilometers length.
 - Prepared the technical specification for international tenders negotiations with international companies.
 - Evaluated bridges studies submissions.
 - Designed end blocks for these bridges.
- **Publications & Technical Documentation in work (1983 - 1990):**
 - The Cost of Operating Vehicles: Operation Research and Strategic Choices of the Investment
 - The Methods of Protecting Concrete During its Hardening in Hot and Cold Weather.
 - The Faults during the Manufacturing of the Prefabricated Beams and The Processes of Avoiding and Dealing With.

MAY 1982 – MAY 1983 RESEARCHER in MILITARY WORKS ASSOCIATION (DAMASCUS, SYRIA)

- Worked in research and development.

JAN 1981 – MAY 1982 ENGINEERING AFFAIRS DIRECTOR in SCIENTIFIC RESEARCH & STUDIES CENTER (DAMASCUS, SYRIA)

1972 – JAN. 1980 RESEARCHER ENGINEER in SCIENTIFIC AND TECHNICAL CENTRE FOR BUILDING C.S.T.B. FOR PREPARED THESIS DOCTORATE D'ETAT (PARIS, FRANCE), AND TRAINEE ENGINEER IN FREYSSINET INTERNATIONAL (PARIS, FRANCE) – PART TIME

- Participated in designing the memorial of Charles de Gaulle (Prefabricated & prestressed - Height: 43 meters)

EDUCATIONS:

<p>1980 LICENCE IN METALIC CONSTRUCTIONS HIGHER STUDIES CENTER OF METALIC CONSTRUCTIONS (C.H.E.M) (PARIS, FRANCE)</p>
<p>1976 - 1978 I COMPLETED BUSINESS MANAGEMENT COURSES, FRENCH NATIONAL ASSOCIATION OF SCIENCE (C.N.O.F) (PARIS, FRANCE)</p>
<p>1976 LICENTIATE IN EXECUTION METHODS HIGHER STUDIES CENTER FOR EXECTION METHODS (C.H.E.M.E.X) (PARIS, FRANCE)</p>
<p>1974 LICENTIATE IN REINFORCED AND PRESTRESSED CONCRETE HIGHER STUDIES CENTER FOR REINFORCED AND PRESTRESSED CONCRETE (C.H.E.B.A.P) (PARIS, FRANCE)</p>
<p>1967 B.E. (FIVE YEARS) IN CIVIL ENGINEERING, DAMASCUS UNIVERSITY (DAMASCUS, SYRIA)</p>
<p>Languages:</p> <ul style="list-style-type: none"> ○ English: Speaking (Fair), Reading (Good), Writing (Good) ○ French: Speaking (Excellent), Reading (Excellent), Writing (Excellent) ○ Arabic: Speaking (Excellent), Reading (Excellent), Writing (Excellent)

ACTIVITIES

- 1985 Participation in The Arab Contractors Symposium “Towards a successful management of the structural projects” by two articles concerning facilitating solving the problems and developing and attracting the human resources: (Psychological and Social techniques in the opening of successful management of the projects on the staff and drawing their support and innovation.
- Acquaintance of programmes: SAP, ETABS, SAFE, REVIT, TEKLA, ROBOT, AUTOCAD, PROJECT, RAM.
- Teaching in Al-Yarmouk Private University since 2011 until now.
- Bridges strength works.

- A consultant recently at Al-Fijeh Establishment (drinking water source for Damascus City) for repairing the roof of Al-Fijeh Source due to encumbering extra-ordinary circumstances.

Jan 1989: Expert at International Bank (Washington, USA).