

Curriculum Vitae
Dr. Omnia Farouk Hussien Mahmoud

Department of Construction
 Faculty of Engineering, Egyptian Russian University
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1. Personal Information

First Name / Sure Name: Omnia Farouk
Nationality: Egyptian
E-mail: omnia-farouk@eru.edu.eg
Gender: Female

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
PHD	Ein Shams University Faculty of Engineering	Concrete	1/2007	1/2013
			Thesis Title: Behavior of Fully and Partially Prestressed Concrete Beam with Different Compressive Concrete Strength	
MSc.:	Faculty of : Engineering	Materials	2001	2006
			Thesis Title: Hybrid Fiber Concrete	
BSc. :	Faculty of Engineering:	Construction	1995	2000

3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Senior Structural Engineer	FCBM	Control and Audit workshop drawings	2008	2011
			Junior Structural Engineer	
Junior Structural Engineer	FCBM	Design and Implementation of workshop drawings	2005	2008
			Structural Engineer	
Structural Engineer	FUTURE CONSULTING GROUP	Design and Implementation of workshop drawings	2003	2005
			Structural Engineer	
Structural Engineer	SENS OFFICE	Design and Implementation of workshop drawings	2000	2002

4. Discipline

General Discipline	Construction	Principle Subject	Concrete
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5. Teaching Experience

Course Title	University	Academic Years
Mechanics of material 1	The Egyptian Russian University	2013 till Now
Structural Analysis II	The Egyptian Russian University	2013 till Now
Structure Analysis 1 (AR)	The Egyptian Russian University	2013/2014
Reinforced Concrete III	The Egyptian Russian University	2013/2015
Graduation Project (Reinforced concrete)	The Egyptian Russian University	2015 till Now

6. Professional & Technical Skills

PEPSI COLA 6th of October City Factory:

Design and Produce detailed Reinforcement Drawings for:

- Administration Building (180m x 28m)
- Underground Water Tanks (2000m³&3000m³)
- Waste Water Tank 8000m³
- Mechanical Rooms

Electrical Power Station in Beer El Abd Substation (Extension of 220KV Switchyard)

Design and Produce detailed Reinforcement Drawings including Workshop drawings and Bar Bending Schedules for:

- Electrical Equipment Footings
- Cable Trenches

ACC Chlorine Plant in Saudi Arabia

Design and Produce detailed Reinforcement Drawings including Workshop drawings and Bar Bending Schedules for:

- Equipment Footings

Desalination Unit (Reverse Osmosis Plant) in Yanbu Saudi Arabia

Design and Produce detailed Reinforcement Drawings for:

- Administration Building

P&G New Wear House in 6th October City:

Design and Produce detailed Steel Drawings

(B- Hotel) – Lacianda Village.

Design and Produce detailed Reinforcement Drawings

Private Villas (Reinforced Concrete Buildings)

Design and Produce detailed Reinforcement Drawings

Administration Buildings for Railway Stations

Design and Produce detailed Reinforcement Drawings such as:

- EL TARH Station
- EL MADIA Station
- Kalub Station

- EL KANTRA Station
- EL MAMORA Station

ADBIA PORT

Design and Produce detailed Reinforcement Drawings including Workshop drawings and Bar Bending Schedules for:

- Administration Building

ISSEANE (A huge waste recycling factory in France)

Produce Workshop drawings and Bar Bending Schedules

SYSTRA (Pre-stressed cable Bridges in India)

Design and Produce Workshop drawings and Bar Bending Schedules

BATIMENT (Housing buildings in France)

Design and Produce Workshop drawings and Bar Bending Schedules

BASSAIN DE COLBERT (Water tank in France)

Design

GAR MAL-MASION (Tunnel in France)

Design and Produce Workshop drawings and Bar Bending Schedules

Nucléé bâtiments in France

- Bâtiment de traitement des effluents
- Bâtiment pole opérationnel de XP5
- Bâtiment des auxiliés de sauvegarde BAS

Control and audit Workshop drawings and Bar Bending Schedules

Nucléé bâtiments in China (Taishan)

Control and audit Workshop drawings and Bar Bending Schedules

Bâtiments in France (Malvisi)

- Vidange
- Hall de lavage

Control and audit Workshop drawings and Bar Bending Schedules..

7. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Sap2000, Staad Pro, Robot		/	
Armacad	/		
AutoCAD	/		
Language Skills	Self Assessment		
	Excellent	Good	Fair
English	/		
French		/	
Arabic	/		
Other Skills			

8. Scientific Activities

a. Publication:

استخدام الالياف المركبة فى زيادة متانة و ادائية المنشآت الخرسانية

ندوة ادارة الكوارث وسلامة المباني فى الدول العربية- السعودية- 29 مارس الى اول ابريل 2008

Prof. Dr. El Sayed A. Nasr, Dr. Fatma A. Shaker,
Dr. Hossam Z. El-Karmoty, Eng. Omnia F. Hussien

2- Behavior of Bonded and Unbonded Prestressed Normal and High Strength
Concrete Beams..

HBRC Journal – 12/2012

Prof. Dr. El Sayed A. Nasr, Prof. Dr. Amr A. Abdelrahman,
Prof. Dr. Sayed M. Ahmed Abdelbaky, Dr. Tamer Hassan K. El-Afandy
Eng. Omnia F. Hussien

b. Supervision:

Degree	Thesis Title	Researcher Name	Start Date	Approval Date

c. Conferences:

Conferences	Professional Conference Organizer	Keynote Speaker	Presenter	Attendee	Organizer

9. Trainings & Workshops

10. Social Activities

11. Membership of Professional Associations

12. Awards

I certify that the information provided in this curriculum vitae is accurate.

Name	Omnia Farouk Hussien	Signature		Date	10/2015
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