

# ***CURRICULUM VITAE***



## **Personal Data**

**Name** : Amgad Mohamed Mahmoud El-Hewehy  
**Address (Egypt)** : App. 35, 109 building, 9st. Elmokatam, Cairo  
**Date (Place) of Birth** : September 25, 1965 - Algeria  
**Marital Status** : Married  
**Citizen Status** : Egyptian  
**Languages** : English (Spoken, Written) Very good, French (Little bit).  
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**Computer Knowledge** : Excellent user of Personal Computers

## **GRADUATION**

- B. Sc Mechanical Engineering, Power Department, Banha (Zagazeeg Ex.) University [May 1990].

## **JOB TITLE**

<b>Operating and Maintenance Sector</b>	
<b>From January 1992 to September 2000</b>	Operation, Maintenance, Test and Control Engineer
<b>From September 2000 to September 2006</b>	Manager of Hurghada wind farm
<b>Research and Testing Sector</b>	
<b>From September 2006 to July 2013</b>	Manager of Research and Testing Department
<b>From July 2013 till Now</b>	<b>Chief Engineer</b>

## **PREVIOUS DUTIES**

- Installation, operation, maintenance, testing and control of Wind Turbines.
- Installation, operation and maintenance of central monitoring & control system (CMCS).
- Installation, operation and maintenance of electrical transformers stations and panels.
- Installation and operation of test instrumentations [strain gauges, sensors, etc.].
- Preparation several reports in Power Quality of Wind Turbines projects integrated with national grid.
- Preparing of Training package for the Arabic education, science, culture organization.
- Member of Renewable Energy Master Plan for Egypt Group (CREMP).
- Member of Egyptian Power Committee for ISO 50001/2011 for the Energy Management System.

## **PRESENT DUTIES**

- NREA representative in the all vents, conferences, meeting and workshops.
- Instructor (preparing courses and training).
- NREA technical advisor for RE projects.
- Studying, Analysis and Reporting Feasibility studies (FS), preparing Terms of References (ToR), analyzing the Technical Proposals.

## **PROJECTS**

- Installation, operation and maintenance of (2) desalination water stations (RO) at Hurghada site.
- Installation, operation and maintenance of (10) German turbines 1MW [VENTIS ].
- Installation, operation and maintenance of (24) Danish turbines 2MW [WINCON].
- Installation, operation and maintenance of (6) Danish turbines 1.8MW [NORDTANK].
- Supervising NORDEX Wind Farm Project, (105WTG x 600KW) with total capacity 63 MW.

## **TRAINING ABROAD**

### **GERMANY from May 16 to May 28, 1993**

- Training course for installation, operation and maintenance of wind turbines at VENTIS Company.

### **DENMARK from May 04 to July 06, 1994**

- Training Course in wind turbines testing at the test station for wind turbines, Risø National Laboratory.

### **DENMARK from December 05 to December 19, 1994**

- Training course in installation, operation and maintenance of central monitoring and control system (CMCS) for wind turbines at Dan control Engineering A/S Company.

### **INDIA from April 24 to May15, 2011**

- Training course in Solar Energy Technologies at Solar Energy Center, Ministry of Renewable Energy of India

### **GERMANY from April 15 to April 26, 2013**

- Training course in Integration Renewable Plants in The Electrical Grid (ReGrid), at Renewable Academy (RENAC).

## **LOCAL (ON THE JOB) TRAINING**

- Training course in operation and maintenance of RO Desalination units
- Training course in mechanical and electrical maintenance of VENTIS wind turbines.
- Training course in mechanical and electrical maintenance of NORDTANK wind turbines.
- Training course in operation and maintenance of CMCS.
- Training course in wind turbines testing.
- Training course in operation and maintenance of electrical transformers stations and panels.

## **TRAINING COURSES**

- Training course for trainer (Carl Bro Management Consultant).
- Training course for development of management skills (Preparing Leaders Institute).
- Training course in improvement of leadership for the high and mid management (Career Development & Constructions Academy CDC – Administrative Development Ministry).
- Training course for Development of behavior skills (Key Cooperation Competencies AKCC - Administrative Development Ministry).
- Training course for Projects Assessment and feasibility study at the Mechanical Engineering Association.
- Biding analysis (Technical Offer analysis).
- EnerMENA Professional Training Course for CSP Project Planners (in Cooperation with GIZ Cairo).
- Training course in the Procurement plan by the African Development Bank (AFDB).
- Training course in the Energy Standards (EGAC).
- Training course for trainer ToT (Arab Consulting & Development Corporation).

## **STUDIES**

- Measurement and Assessment of Power, Quality Characteristics of Grid Connected Wind Turbines, Zafarana Wind Farm [63MW].
- Power Quality Assessment, Zafarana Wind Farm, Transformer No. 1 [75 MVA], Installed capacity [54.2 MW]
- Power Quality Assessment, Zafarana Wind Farm, Transformer No. 2 [75 MVA], Installed capacity [64.9 MW]