

Holds a B. Sc. in Communication & Electro Physics Engineering and has over 27 years hands-on experience working in I&C field and became I&C General Manager.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 28/10/1963  
Gender : Male

## **EDUCATION**

: B. Sc. in Communication & Electro Physics Engineering, Alexandria University, 1989

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point, Access), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Training course, Bailey DCS infi.90, Bailey in USA.
- : Areva T&D SCS in France.
- : Siemens Teleperm xp in Germany.
- : Alspa P320 DCS at Nubaria site.
- : Leadership development program (Effective Communication, Root Cause Analysis, Projects Management, Leadership and Motivation, Strategic Planning, Effective Management, Process Analysis, Effective Team Work ...) at Egyptian Electricity Holding Company Training Center LDC (from Jan. till Aug. 2008.).
- : Training Session in the Members of the Committees of Safety and Health Professional.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Feb. 2012 till now  
**Project** : Nubaria Power Station 2x750MW  
**Job title** : I&C General Manager

**Dates** : From Jan. 2010 till May 2011  
**Employer** : Siemens AG  
**Project** : Rehabilitation Shoubra El-Kheima Power Plant 4x300MW, Egypt  
**Job title** : DCS Team Leader / Construction & Commissioning I&C Engineer

**Dates** : From Jul. 2004 till Jan. 2010  
**Employer** : MDEPC  
**Project** : Nubaria Power Station Project Modules I & II, Egypt  
**Job title** : I&C Engineer (Supervising Commissioning and Start-up)  
**Job Description** :

- Supervise, advisor, technical specification.
- Review, trouble shooting analysis.
- Process and Control Engineer for steam Boiler, Gas Turbine & Combined cycle, Water Treatment plant and Balance of Plant for steam turbine and combined cycle for:
  - Nubaria Power Plant Modules I & II (combined cycle 2x750MW).
  - 4x250MW Siemens Gas Turbine.
  - 4 HRSG ALSTOM Power USA.
  - 2x250MW Mitsubishi.
  - Nubaria module III (combined cycle 1x750).
  - 2x250MW G.E / Gas Turbine.
  - 1x250MW ALSTOM Steam Turbine.
  - 4 HRSG STF Co.

**Dates** : From May 2002 till Jul. 2004  
**Project** : Mahmoudia Combined Cycle Power Plant (8x25MW General Electric Gas Turbine, 2x50MW General Electric Steam Turbine and 8 HRSG)  
**Job title** : I&C Team Leader  
**Job Description** : Start-up, Commissioning and Troubleshooting & Maintenance Engineer for gas turbine in Mahmoudia Combined Cycle Power Plant:

- 8x25MW GE gas turbines.
- 2x50MW GE steam turbines.
- 8 HRSG NEM.

**Dates** : From Apr. 1996 till May 2002  
**Project** : Damanhour Combined Cycle Power Plant (4x25MW Hitachi Gas Turbine, 1x50MW General Electric Steam Turbine and 4 HRSG)  
**Job title** : I&C Team Leader  
**Job Description** :

- Start-up, commissioning in Damanhour CC Project.
- Troubleshooting & Maintenance Eng. in Damanhour Combined Cycle Power Plant:
  - 4x25MW Hitachi gas turbines.
  - 1x50MW GE steam turbine.
  - 4 HRSG NEM.

**Dates** : From May 1990 till Apr. 1996  
**Project** : Damanhour Thermal Power Plant (300MW)

- Job title** : DCS System Engineer
- Job Description** : Troubleshooting, maintenance, upgrade DCS system Damanhour Thermal Power Station 1x300MW (Boiler, Steam Turbine and Balance of plant).
- Field of experience** :
- Working in Instrumentation & Control Maintenance, Erection Supervisory and Commissioning & Start-up, Service Activities, Training, Engineering and Configuration for Process Control systems.
  - Managing I&C team routine maintenance, Preventive maintenance, troubleshooting, major& minor Siemens G.T 4x250MW maintenance.
  - Tuning, Modification, Configuration and Troubleshooting for:
    - DCS Bailey (Network 90 & Infi 90).
    - G.E mark V control.
    - Siemens TELEPERM XP control.
    - Alstom ALSPA P320 DCS Control.
    - Allen Bradley PLC.
    - Siemens Step 7 PLC.
    - Areva SCS Sub Station Control System.
    - MHI DIASYS DCS control.
    - Siemens T3000 DCS control.
  - Calibration, Troubleshooting and Maintenance for:
    - (Pneumatic, Motorized and Servo) Valves Actuators and Solenoids.
    - Flow, Temperature, Level, Pressure, Diff. Pressure (Transmitters, Switches, Indicators).
    - (PH, Conductivity, Residual Chlorine, Silica, impurity) analyzers.
  - Nubaria Power Station Project Modules I & II (Combined Cycle 2x750MW) WDEPC I&C Engineer, Supervising Installation, Commissioning and Start-up for:
    - 4x250 Siemens Gas Turbine.
    - 2x250 Mitsubishi Steam Turbines.
    - 4 HRSG ALSTOM Power USA.
    - Alstom DCS Control.
    - Auxiliaries of the Gas Turbines, Steam turbines.
    - Demin. Plant Metito Co. PLC Allen Bradley.
    - SCS substation control system Areva France.
  - Nubaria Power Station Module III (Combined Cycle 1x750MW) MDEPC I&C Engineer, Studying and Preparation for tenders and contracts and attend FAT for YOKOGAWA DCS in Bahrain.
  - Construction, Commissioning and Start-up I&C Engineer in Shoubra El-Kheima Power Plant Rehabilitation Project 4x300MW with Siemens AG.
  - Trying to improve the Performance of I&C Maintenance Department, Nubaria Power Station using principles of management.