

Holds a B. Sc. and a Diploma in Communication & Electronics Engineering. Has more than 7 years hands-on experience in I&C systems of New Talkha Combined Cycle Power Station.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/09/1981  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Communication & Electronics Engineering, Mansoura University, 2003  
: Diploma in Communication & Electronics Engineering, Mansoura University, 2006

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
French : Fair

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: AutoCAD program in Middle Delta Electricity Production Co. (Nov./Dec. 2008).  
: Calibration and Maintenance for the field instruments by WTD, Sep. 2008.  
: Ovation Control System in HRSG, May/June. 2008.  
: Control System (DCS), Apr. 2008.  
: Online Analyzers – Maintenance course in Water & Waste Water Treatment by WTD/ABB, Feb. 2008.  
: Control System in Gas Turbine, Jan. 2008.  
: I&C Maintenance course in Water and Waste Water Treatment Project from PEP ARAB/WTD, Dec. 2007.  
: Maintenance of 270MW Steam turbine & Generator and steam turbine control system by ALSTOM Power Generation on site, Dec. 2007.  
: Basics of measurement instruments and control system, Nov. 2007.

- : Function, Operation and Maintenance of TAPROGGE Condenser tube cleaning system and Debris filter from TAPROGGE Academy, Aug. 2007.
- : Fire Fighting training in Fire Detection System, Deluge System, Pre-action Sprinkler System, Operation and Maintenance from ALSTOM/INITEC-CHEMTROL, Aug. 2007.
- : Preventive Maintenance / Life Extension and Advanced Technology for Steam & Gas Power Plant and Environmental Improvement Systems by HITACHI Ltd., JAPAN, May 2007.
- : Siemens Control System in Gas Turbine, Apr./May 2007.
- : Basics of measurement instruments and control system, Dec. 2006.
- : Training course for Maintenance 270MW steam turbine control system (ALSPA P320-TGC) in ALSTOM Power Generation Training Center in Mannheim – GERMANY.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2003 till now
- Employer** : Middle Delta Electricity Production Co. (MDEPC)
- Project** : New Talkha Combined Cycle Power Station (750MW):  
The project consists of:
- 2x250MW Siemens Gas Turbine Power Plant, Teleperm XP control system (Siemens).
  - 2 HRSG (CMI) & their auxiliaries (Skoda), Ovation control system (Emerson).
  - 250MW Alstom Steam Turbine, ALSPA P320-TGC control system (Alstom).
- Job title** : I&C Maintenance Engineer
- Job Description** :
- I&C Senior Engineer for Alstom Steam Turbine and DCS control System.
  - Review I&C drawings, submittals and pre-qualification of contracts in package CP-101, CP-105, CP-106 and CP-111 and be sure about the construction is done according to the specifications.
  - Witness of instruments construction & installation work.
  - Witness of I&C official test and review logic of PLC & DCS.
  - Representative and Coordinator in site meetings.
  - Participated in testing and commissioning and start-up activities of GTG & STG & HRSG.
  - Witnessing and supervising for commissioning and start-up activities.
  - Working experience on different control system (PLC and DCS) such as Siemens (Teleperm-XP, Simodyn-D, SIMATIC-S5 / S7) in Gas Turbine, Emerson (Ovation) in HRSG, Alstom (ControCad) in Steam Turbine, Allen Bradley.
  - Responsible to carry out the repair, maintenance, troubleshooting and calibration work of all types of field instruments such as sensors, detectors, transmitters, switches, gauges, recorders, analyzers, control actuators, hydraulic, pneumatic and motorized control valves.
  - Working in different types of fire fighting and detection system such as Minimax, kidde, quickstart.