

Holds a B. Sc. in Electronic Engineering and has about 10 years hands-on experience in the field of I&C, commissioning, start-up and maintenance of several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 16/05/1976  
Marital Status : Married

## EDUCATION

: B. Sc. in Electronic Engineering (Computer Science & Information Systems), Menoufia University, 2001

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Distributed Control System (DCS) ALSPA P320 maintenance activities, the main control system of Nubaria Power Station, Feb. till Apr. 2005, Alstom factory in Massy, France:
  - CL02-ES-S5 (Centralog Maintenance)
  - CAD02-ES-S5 (Controcad)
  - CB01-ES-S5 (Controbloc/Partial)
- : PACiS (protection automation control and integrated solution) substation control system (AREVA) & PACiS - Operation, maintenance and configuration, Sep. 2004 at Nubaria Power Station.
- : Bar code training course, Nov. 2003 at Training centre of Oratech Company, Egypt.
- : Siemens training course of TEC4 FDE (Tool for Hardware- and Field Engineering) at Siemens, Shoubra El-Kheima, Nov. 2008.
- : MCP (Microsoft Certified Professional):
  - Installing, Configuring and Administering Microsoft® Windows® XP Professional.
- : CCNA (Cisco Certified Network Association).
- : NFPA 70E (national fire protection association) electrical safety.

- : MCSA (Microsoft Certified System Administrator):
  - Managing and maintaining a Microsoft Windows Server 2003 environment.
  - Implementing, managing, and maintaining a Microsoft Windows Server 2003 network infrastructure.
  - Planning and maintaining a Microsoft Windows Server 2003 network infrastructure.
  - Implementing Microsoft Internet Security and Acceleration (ISA) Server 2004.
- : MCSE (Microsoft Certified System Engineer):
  - Planning, implementing and maintaining a Microsoft Windows Server 2003 active directory infrastructure.
  - Designing security for a Microsoft Windows Server 2003 network.

## CHRONOLOGICAL EXPERIENCE RECORD

**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Power Station  
**Job title** : DCS Instructor

**Employer** : GE  
**Project** : Sabiya Power Station – Kuwait  
**Job title** : DCS Start-up Engineer

**Employer** : Initec  
**Project** : Cairo West Power Station (steam turbine)  
**Job title** : DCS Commissioning & Start-up Engineer

**Dates** : From Apr. 2009 till Jul. 2010  
**Employer** : Initec  
**Project** : El-Kureimat III Combined Cycle Power Station  
**Job title** : DCS Commissioning & Start-up Engineer

**Dates** : From Jan. 2008 till Apr. 2009  
**Employer** : Siemens Germany and ECEI  
**Project** : Shoubra El-Kheima Power Station  
**Job title** : DCS & I&C Commissioning & Start-up Engineer  
**Job Description** : Unit 2:

- Made the modification of the BMS (burner management system) cabinets then made the field commission on the system for (18 burners).
- Join the turbine commissioning group to complete the commissioning on the turbine with them.

Unit 4:

- Follow up the erection works and help all commissioning groups to solve the erection problems as possible.
- Design and prepare the erection progress reports.

- Download the required software for calibrating temperature transmitters and install the driver for hart communicator.
- Supervision on the relay room works and follow up the termination process.
- Make calibration for transmitters (pressure, temperature, flow, level) and I to P positioner.
- Field commissioning for electrical systems including breakers and MCC.

**Dates** : From Sep. 2004 till Dec. 2007

**Employer** : West Delta Electricity Production Company (WDEPC)

**Project** : Nubaria Combined Cycle (2x750MW) Power Station

**Job title** : I&C Project Construction, Start-up Engineer & IT (Computer & Network Engineer)

**Job Description** :

- Approving designs & submittals from vendors and check the suitability of the submitted specifications to the required contracted specifications, which also includes assigning the incompatible specifications and making additional implementations if necessary.
- Design, install and maintain the local area network (LAN) and leased line including computers, hubs, switches, ISDN, HDSL devices, CISCO routers and start-up network, computers, shared printers and make all the domain managements and security needed.
- Install the communication lines between the site and the main offices of contractual companies like Siemens (Germany) to perform the long term maintenance by using ISDN and later modified to be ADSL.
- Approving the procedures of site acceptance tests and make sure that it will cover all the specifications of the systems. Also attending the site acceptance tests and purchasing the tests personally including calibrating of any instruments or sensors during the tests, recording the test results and analyzing the performance of the tested systems to record the punch items to be corrected by the vendor then to be tested again to be approved. The above mentioned operations were actually done for:
  - Power Plant Distributed Control System (DCS ALSPA320), Vendor: ALSTOM POWER FRANCE.
  - Substation (220/500KV) control system (PACiS), Vendor: AREVA T&D FRANCE.
  - Gas Turbine system, Vendor: SIEMENS GERMANY.
- Install and manage inventory and assets data base programs like EMPAC.

**Dates** : From Nov. 2002 till Sep. 2004

**Employer** : West Delta Electricity Production Company (WDEPC)

**Project** : Damanhour Power Station

**Job title** : I&C Maintenance Engineer